

**Faculty of Liberal Arts and Professional Studies**

# **Department of Economics Handbook**

**2015-2016**

**Undergraduate Supplemental Calendar**

**Programs:**

**Economics**

**Business Economics**

**Financial and Business Economics**

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## **General Undergraduate Program Information**

Welcome to the Economics Department and we hope that you enjoy your courses this year. This Undergraduate Supplemental Calendar is intended to complement the lecture schedule and assist you in your choice of Economics courses. If you have any questions, please contact the Undergraduate Records Office located on the ground floor of Vari Hall, Room 1144, 416-736-5083.

### **WHY MAJOR IN ECONOMICS?**

The Department of Economics within the Faculty of Liberal Arts and Professional Studies (LA&PS) offers an academic program leading to degrees in Economics at the BA, BA Honours, and BA Specialized Honours levels, Business Economics at the BA level, and Financial and Business Economics at the BA Specialized Honours level. Through a unique teaching approach that blends theory and application, students in our program are introduced to the analytical and quantitative tools of economic analysis and learn to apply them to a wide range of individual and social problems which arise out of the conflict between unlimited wants and limited resources to satisfy them. They may focus on management issues in applied business fields or on financial markets and instruments or, more generally, on those aspects of social behaviour and those institutions which are involved in the allocation of scarce resources among alternative uses. In an intellectually stimulating environment, our students become skilled at identifying economic problems, at developing and applying economic theory to improve upon their understanding of the problems and their ability to solve them, and at evaluating the adequacy of their theoretical understanding through the use of data and empirical testing.

Our graduates are well prepared to begin or advance in a variety of careers in business, government, and the not-for-profit sector and to pursue graduate studies in economics or professional training in business, law, public administration, and other disciplines.

### **DEPARTMENT OF ECONOMICS CONTACT INFORMATION**

Undergraduate Office Location: 1144 Vari Hall

Departmental Telephone Number: 416-736-5083

- For individual Staff and Faculty members below, please dial the YorkU Main Board Number (416-736-2100) and dial appropriate extension

- Department of Economics Chair: Professor Mahmudul Anam - 1136 Vari Hall
- Department of Economics Undergraduate Program Director: Professor Neil Buckley - 1140 Vari Hall
- Department of Economics Undergraduate Advisor: Lori Sgarbossa - 1142 Vari Hall
- Department of Economics Undergraduate Program Assistant: Jillian Thomas - 1096 Vari Hall

### **STAFF DIRECTORY**

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## Undergraduate Program Descriptions

### **ECONOMICS**

The Economics program focuses on those aspects of social behaviour and those institutions which are involved in the allocation of scarce resources among alternative uses in the pursuit of the satisfaction of human wants. Through a unique teaching approach that blends theory and application, students gain in-depth knowledge about how to apply the analytical and quantitative tools of economics to understanding and solving a wide range of individual and social problems about consumption and production in a variety of markets (product, labour, capital, etc., both nationally and internationally) which arise because of resource scarcity. Students will be able to pursue a degree in Economics at the BA, BA Honours, and BA Specialized Honours levels.

### **BUSINESS ECONOMICS**

The Business Economics program integrates aspects of economics and business studies, focusing on the use of economic analysis and statistical methods to deal effectively with management problems in practical business fields. In applying economic theory to business management, students become familiar with the analytical and decision-making techniques used in the business world, and with the public and private institutional environments within which businesses operate. They gain insight into critical business topics such as strategic competition, the internal organization of firms, and international issues facing businesses in the changing global marketplace. Students will be able to pursue a degree in Business Economics at the BA level.

### **FINANCIAL AND BUSINESS ECONOMICS**

The Business and Financial Economics program combines a rigorous quantitative and analytical approach with practical application designed for students who are particularly interested in pursuing careers in the financial sector and/or graduate education in financial economics. The program is highly structured and provides a broad understanding of the economic framework upon which financial theory is based. Through a blend of economic theory and applied tools of modern finance, students develop a solid knowledge of the microeconomic principles underlying financial markets and instruments, the macroeconomic role of finance, and the quantitative tools commonly used for analyzing financial markets. Students will be able to pursue a degree in Business and Financial Economics at the BA Specialized Honours level.

## Academic Advising

**Students are encouraged to arrange for an appointment once or twice a year.** It can be harmful to rely solely upon the advice of friends who may not fully understand program requirements. For your first appointment, you will be required to bring with you a completed checklist of your program (available in this handbook and in the Department of Economics, 1144 Vari Hall) in which all your courses should be listed. **The checklist should be kept up to date by each student** and must be brought to all advising appointments.

**Please note that it is the responsibility of the student to ensure the courses completed meet all requirements for graduation, that courses meet prerequisites, and are not course exclusions of other courses already taken.**

**If you have any questions please book an advising appointment by calling the Economics Undergraduate Office, 1144 Vari Hall, 416-736-5083 during office hours.**

### **DEGREE PROGRAMS IN ECONOMICS:**

Students can choose from the following programs:

- BA - Economics
- BA – Business Economics
- Honours BA Economics
- Honours – Double Major, BA Economics & \_\_\_\_\_
- Honours – Major/Minor, BA Economics/\_\_\_\_\_
- Honours Minor, BA in Economics
- Specialized Honours BA Economics
- Specialized Honours BA Financial & Business Economics

The BA program is a 90-credit degree, normally completed in 3 years. All Honours BA programs require 120-credits, normally completed in 4 years. Students who opt for programs in Economics are encouraged to register in honours if they have the required overall grade point average of C+ (5.0) or better

## **Important Academic Information for Students**

Students should carefully read the following information on academic requirements, processes, and policies important to their academic progress and performance.

### **COURSE OUTLINES/SYLABI:**

Course Outlines are posted on the LA&PS course listings website: <http://laps.yorku.ca/programs-courses/>. Please note that course outlines will be made available as the Economics Undergraduate Office receives them from the Course Directors. Course outlines contain important information on the course schedule, course requirements, evaluation methods, and course policies.

### **LECTURE SCHEDULE:**

You can find the lecture schedule on the 'Current Student's' Web site: <http://www.yorku.ca/yorkweb/cs.htm> and click on 'Search for Courses' under 'Courses and Enrolment'. Students should be aware that there could be changes made to the Summer and Fall/Winter lecture schedules. **TO AVOID CONFUSION, PLEASE CHECK FOR POSSIBLE SCHEDULE CHANGES BEFORE CLASSES BEGIN** on the above Web site. Additionally, an up-to-date schedule for Economics courses will be posted across from the Economics Undergraduate Office (1144 Vari Hall) or you can also visit the Faculty of LA&PS, Department of Economics Website: [www.econ.yorku.ca](http://www.econ.yorku.ca).

### **REPEATING PASSED OR FAILED COURSES:**

A passed course is one in which the student has achieved a grade of D or better. There are two failing grades in the Faculty of LA&PS: E (marginal fail) and F (failure): <http://secretariat-policies.info.yorku.ca/policies/repeating-passed-or-failed-courses-for-academic-credit-policy/>

1. Students are allowed to repeat a passed or a failed course **once** for academic degree or certificate credit. Students should note that course availability and space considerations may preclude the possibility of repeating a course in the session they choose.
2. When a student is allowed to repeat a course for academic degree or certificate credit, the second grade will be the grade of record and the only grade calculated in the student's grade point average (Major, Cumulative, Sessional and Overall). A course can be credited only once towards satisfaction of degree or certificate academic credit requirements.
3. The record of both the first and second time the course was taken will appear on the student's transcript, with the first course designated as '**No Credit Retained**' (NCR). The transcript legend will explain that the **NCR** designation means that neither the course credit nor grade have been included in the calculations of the student's grade point average.
4. The restrictions regarding repeating a passed or failed course also apply to cross-listed courses and course credit exclusions. (course credit exclusions are pairs of courses that are recognized as being similar in content. Credit will not be given for a course deemed to be exclusion with a previously taken course. Course credit exclusions may not be used as substitutes to fulfil degree or program requirements unless designated as such by the relevant program).

### **COURSE CREDIT EXCLUSIONS:**

Course descriptions will include a list of "Course Credit Exclusions" (or CCEs). Courses listed under this heading demonstrate significant overlap in the course material such that, you may not count both the listed course and the course credit exclusion for degree credit. Only one will count for credit.

If you take a course for which you have already previously taken the course credit exclusion you will be considered to have repeated the course. The first course taken will not be counted for degree credit and will be excluded from averages; the second one taken will become the grade of record.

Course credit exclusions will not necessarily fulfill major requirements. You must check the handbook for your program of study requirements to ensure the course(s) you are taking will count for major credit.

**Economics students should pay special attention to Administrative Studies (ADMS) and Mathematics (MATH) courses as many are CCEs to economics courses.**

It is your responsibility to ensure you are taking the appropriate course(s) to fulfill your requirements for graduation. If you have any questions, please book an advising appointment as discussed above.

**NCR NOTES:**

NCR (No Credit Retained) Notes are listed in course descriptions. NCR Notes outline conditions for a course in terms of credits earned. For example, SC/MATH 1510 6.00 has the following NCR Note, "... May not be taken by any student who has taken or is currently taking another university course in mathematics or statistics except for SC/MATH 1500 3.00 or SC/MATH 1515 3.00 or SC/MATH 1520 3.00."

**COURSE SUBSTITUTES:**

Subject to course exclusions, program requirements/restrictions and residency requirements, the following courses are acceptable substitutes for the purpose of meeting the economics program requirements.

Program Course	Course Substitutes
AP/ECON 1000 3.00	GL/ECON 1000 3.00, GL/ECON 2500 3.00
AP/ECON 1010 3.00	GL/ECON 1010 3.00, GL/ECON 2510 3.00

**PREREQUISITES/COREQUISITES:**

Prerequisites/co-requisites must be successfully completed before another course can be taken. Students are responsible for fulfilling published prerequisite/co-requisite requirements. Prerequisites and co-requisites are listed in the course description and available online from the York Courses Web site and in this supplemental calendar.

Always check the departmental/divisional supplemental calendars to confirm prerequisite/co-requisite requirements for all courses in which you plan to enroll.

**Please Note:** AP/ECON2300 3.0 (Intermediate Microeconomics Theory I) must be successfully completed before AP/ECON2350 3.0 (Intermediate Microeconomics Theory II) and AP/ECON2400 3.0 (Intermediate Macroeconomics Theory I) must be successfully completed before AP/ECON2450 3.0 (Intermediate Macroeconomics Theory II). Students who take Theory II before Theory I (or concurrently) will be de-enrolled from Theory II.

**CREDITS OUTSIDE THE MAJOR:**

Students must complete a minimum of 18 credits outside their major in accordance with the following:

That none of these 18 credits are major courses, (or courses which are cross-listed with a major course; or a course offered by the major department which is not counted towards the major; or a course outside the major department which is a specified major requirement); not a general education course which has been used to satisfy the general education requirement. Extra general education courses will count as credits outside the major.

It is recommended that first year students take one carefully selected elective course to serve as an "escape hatch" to another field of study in the second year in case they find that majoring in Economics is not suitable and wish to change majors. Students wishing to change their majors must complete The Change My Program Request Form available on-line: <http://www.registrar.yorku.ca/program/change>

**GENERAL EDUCATION REQUIREMENTS (Applies to all students):**

The Faculty of Liberal Arts and Professional Studies general education curriculum provides students with the foundation of interdisciplinary knowledge, breadth, methods and the approaches necessary for successful liberal arts and professional education. General Education courses approved for credit expose students to ways of knowing and fundamental ideas spanning the humanities, natural sciences and social sciences. These courses also provide explicit instruction in critical analytical skills and thought and its communication in writing and speech.

- It is strongly recommended that students successfully complete (pass) their first General Education course within the first 24 credits.
- It is strongly recommended that all General Education courses are to be successfully completed (passed) within the first 48 credits.
- A maximum of 36 credits in General Education will count towards the degree. Students who are required to exceed the 36 credit maximum because of program/degree requirements must obtain permission to do so from their program of study.
- General education course lists and further information can be found at: [http://www.yorku.ca/laps/courses/gen\\_education.html](http://www.yorku.ca/laps/courses/gen_education.html)



General Education Requirements – Students who started program in Fall 2014-Present:

Students must take a minimum of 21 General Education credits from the approved list of LA&PS General Education courses as follows:

- 6.00 credits in Natural Science (NATS)
- A 9.00 credit approved General Education course in the social science OR humanities categories
- A 6.00 credit approved General Education course in the opposite category to the 9.00 credit course in social science or humanities already taken.

General Education Requirements - Students who started program PRIOR to Fall 2014:

Students must take a minimum of 24 credits of General Education chosen from Humanities, Modes of Reasoning, Natural Science and Social Science, including a minimum of six credits in each of Humanities, Natural Science and Social Science.

- General Education courses are offered at the 1000 and 2000-level and the list of approved courses may be found under the four main areas of [Humanities](#), [Modes of Reasoning](#), [Natural Science](#) and [Social Science](#): [http://www.yorku.ca/laps/courses/gen\\_education.html](http://www.yorku.ca/laps/courses/gen_education.html).
- A maximum of 9 credits in each of the four areas (Humanities, Modes of Reasoning, Natural Science and Social Science) will count towards fulfilment of General Education requirements.

**STATISTICS + DATA + ECONOMETRICS REQUIREMENTS:**

1. ALL students must take at least 3 credits in statistics: AP/ECON2500 3.0.
2. ALL students must take AP/ECON3210 3.0 or AP/ECON 3480 3.0 in addition to AP/ECON2500 3.0.
3. Specialized Honours BA Economics majors must take, AP/ECON3500 3.0 and AP/ECON 3210 3.0 and AP/ECON4210 3.0 in addition to AP/ECON2500 3.0.

Please review the checklists in this supplemental calendar for the list of courses required for your chosen degree program.

**WRITING REQUIREMENT:**

1. Some Honours and Specialized Honours programs in Economics (not Financial and Business Economics) require majors to take a minimum of 2-half courses (total of 6 credits) that have a writing component, which are so designated by a fourth-digit-9, for example, AP/ECON 4129 3.0 and AP/ECON3249 3.0. You should look at the degree program checklists available in this Supplemental Calendar to see if the program you are following has a writing requirement.
2. A list of “writing” courses is available in this Economics supplemental calendar. To find out which writing courses are offered in a given semester students must look at the current lecture schedule of that given year.
3. **The Writing Centre** <http://www.yorku.ca/laps/writ> offers students a wide variety of opportunities to improve their writing skills. The goal of the instruction is to improve the student’s ability to write effectively in a range of academic situations. The Centre is located in S329 Ross Building 416-736-5134. The Centre offers one to one instruction and a number of group workshops on various issues related to writing effectively in a University environment. **NOTE:** Strong writing techniques are valuable in your studies and in the workforce.

**Warning:** A writing course and the non-writing equivalent course are considered to be credit exclusions to each other. Therefore, students cannot get credit for both AP/ECON3249 3.0 and AP/ECON3240 3.0 towards their BA program as they’re the same course.

## **WRITING COURSES:**

3199 3.0	Approaches to Global Economics	4069 3.0	History of Economic Thought II
3249 3.0	Labour Economics: Theory	4089 3.0	Research Seminar in Economics
3259 3.0	Labour Economics: Institutions	4129 3.0	Trade and Policy in Economic Integration
3469 3.0	Political Economy of Public Policy	4249 3.0	Topics in Labour Economics
3559 3.0	Economic Growth and Development	4259 3.0	Health Economics
3569 3.0	Economic Policy in Developing Countries	4279 3.0	Housing Economics
3709 3.0	Economics of Gender	4309 3.0	Law and Economics
4039 3.0	Experimental Economics	4369 3.0	Economics of Gender
4059 3.0	History of Economic Thought I	4399 3.0	Topics in Law and Economics
		4759 3.0	Economics of Antitrust and Competition Policy

## **HONOURS PROGRESSION REQUIREMENT:**

Under the Honours progression requirement students in an Honours BA, iBA or BSW degree will be eligible to maintain their Honours status as long as they can reasonably expect to attain a 5.0 cumulative grade point average needed to graduate with Honours as they progress through each year level of their degree.

The Honours progression year level requirement is based on a student's total earned (passed) credits (York and transfer credits). Students who do not have a 5.0 cumulative grade point average may proceed in Honours on warning providing they meet the year level and minimum cumulative grade point average to proceed.

<b>Year Level</b>	<b>Total Earned Credits</b>	<b>Minimum Cumulative GPA</b>
Year 1	Less than 24 earned credits	4.00
Year 2	24-53 earned credits	4.25
Year 3	54-83 earned credits	4.80
Year 4	84 earned credits or greater	5.00

## **RESIDENCE REQUIREMENT:**

Overall Requirement: At least 30 credits must be taken at York University\*.

- Major / Minor Requirements: At least HALF (50%) of each Major / Minor requirement must be taken at York University\*.
- The Major / Minor requirement will vary in accordance with the number of credits required by each Major / Minor.
- The minimum number of Major / Minor credits may exceed the minimum overall number depending on the program).

## **GRADE REAPPRAISALS:**

Students may, with sufficient academic grounds, request a reappraisal of a final grade. Grade reappraisal forms may be picked up at the Undergraduate Office, 1144 Vari Hall. For more information regarding Grade Reappraisals please visit: <http://registrar.yorku.ca/grades/reappraisal>

1. **Deadline:** Requests for reappraisals must be filed with the unit offering the course within 21 days of the release of the final grade in the course (the official deadline date will be posted from the Registrar's Office).
2. **Written Work Only:** Students may question the marking of specific pieces of work, or the overall course grade. Normally, however, only written work can be reassessed. It is not possible to re-evaluate class participation.
3. **Possible Grade Changes:** When a student requests a reappraisal, the original grade may be raised, lowered, or remain the same.
4. **Reappraisal Request Forms:** Students wishing to request the reappraisal of a final grade should fill out the appropriate form available from the Department/Division offering the course and submit to the same office.

## **ACADEMIC HONESTY POLICY:**

A central purpose of the University is to teach students to think independently and critically. Conduct that violates the ethical or legal standards of the University community or of one's program or specialization may result in serious consequences. They are therefore subject to severe penalties. Students are responsible for understanding the nature and consequences of these offences as contained in the Senate Policy on Academic Honesty. All students are expected to make themselves familiar with the Senate Policy on Academic Honesty (see section on University Policies, Procedures and Regulations) found in the York University Secretariat webpage:

<http://www.yorku.ca/secretariat/policies/document.php?document=69>

## **ACADEMIC PENALTIES:**

Students whose academic record does not meet Faculty or program standards are subject to the academic penalties of Academic Warning, Required Withdrawal, Debarment Warning, Debarment, and Academic Probation.

### Academic Warning:

Students whose cumulative grade point average falls below 4.0 at the end of any session, or who enter the Faculty with a grade point average equivalent to less than 4.0 on the York scale, receive an Academic Warning. Students on Academic Warning must achieve a cumulative grade point average of at least 4.0 within the next 24 credits taken, or earn a sessional grade point average of at least 5.0 in the session in which that 24th credit is completed and in each subsequent session until the cumulative grade point average reaches 4.0, or be required to withdraw. Students whose cumulative grade point average on at least 24 credits is below 2.5 will be required to withdraw.

### Required to Withdraw:

Students whose academic record shows marked weakness may be required to withdraw from their studies for one year, during which they are encouraged to identify and remedy any problems which may have contributed materially to their failure to perform up to their potential, and to reflect on their reasons for pursuing a university education. The following regulations apply to required withdrawals.

### Debarment Warning:

Students who have been required to withdraw from this Faculty or from another Faculty at York, or elsewhere receive a Debarment Warning upon continuing their studies in the Faculty. Students on Debarment Warning must achieve a cumulative grade point average of at least 4.0 within the next 24 credits taken or earn a sessional grade point average of at least 5.0 in the session in which that 24<sup>th</sup> credit is completed and in each subsequent session until the cumulative grade point average reaches 4.0, and must then maintain this average. Students who do not fulfill these conditions will be debarred from the University.

### Debarment:

Students who fail to meet the debarment warning conditions outlined above will be debarred from the University. Debarment, the minimum period for which is normally two years, means that the student is no longer a student at York University.

### Academic Probation:

Students who have been debarred and who subsequently resume their studies in the Faculty of LA&PS, whether by petitioning to continue without interruption or by reapplying for admission, receive an Academic Probation. Students on Academic Probation must meet the debarment warning conditions outlined above; otherwise, they will be debarred.

## **GRADING SYSTEM:**

The letter-grade system is the fundamental system of assessment of performance in undergraduate programs at York University.

### Grading Scale

Except for courses taken under the "Ungraded Option," courses in the Faculty of Liberal Arts & Professional Studies are graded according to the following scale.

<b>Grade</b>	<b>Point Value</b>	<b>Definition</b>
A+	9	Exceptional
A	8	Excellent
B+	7	Very good
B	6	Good
C+	5	Competent
C	4	Fairly competent
D+	3	Passing
D	2	Barely passing
E	1	Marginally failing
F	0	Failing

**Note:** The Point Values in the middle column above are used only in calculating students' Grade Point Averages, both sessional and cumulative; they are not designed to be used to calculate marks in courses.

**GPA calculator:** <http://www.yorku.ca/laps/students/gpa.html>

**Grade Point Average (calculation):**

Averages are calculated on the basis of the point value assigned to each letter grade.

A+	=	9	C	=	4
A	=	8	D+	=	3
B+	=	7	D	=	2
B	=	6	E	=	1
C+	=	5	F	=	0

To calculate an overall grade point average, take each course and multiply the number of credits by the grade point value. Add the results of this calculation, and divide by the total number of credits. The result will be the overall grade point average.

(The examples below are for purposes of illustration only.)

**EXAMPLES:**

Course	Credit Value	Grade and Points Earned	Credit x Points=Total Points	Grade Point Average
XXX 6.0	6	C+ 5	6 X 5 = 30	
XXX 6.0	6	F 0	6 X 0 = 0	
XXX 9.0	9	B 6	9 X 6 = 54	102/24
XXX 3.0	3	B 6	3 X 6 = 18	
<b>Total Credits</b>	<b>24</b>	<b>Total Points</b>	<b>102</b>	<b>4.25</b>

Course	Credit Value	Grade and Points Earned	Credit x Points=Total Points	Grade Point Average
XXX 3.0	3	C 4	3 X 4 = 12	
XXX 6.0	6	B 6	6 X 6 = 36	
XXX 9.0	9	C+ 5	9 X 5 = 45	121/22
XXX 4.0	4	B+ 7	4 X 7 = 28	
<b>Total Credits</b>	<b>22</b>	<b>Total Points</b>	<b>121</b>	<b>5.50</b>

It should be noted that grades of E and F are failures and will be included in the calculation of grade point averages.

**GRADUATION:**

If you plan to graduate, you must apply by the deadline. For information about graduation application procedures, a graduation checklist, to verify your official name, a ceremony schedule, and other information about graduation, please visit: <http://www.yorku.ca/mygraduation>

**Petitions**

**All students petitioning in the Faculty of Liberal Arts and Professional Studies must meet with an Academic Advisor to discuss the petition.** Economic students can meet with an advisor in the Department of Economics to satisfy this requirement.

Students have the opportunity to petition for special consideration regarding academic regulations, as stated in the York University Calendar. For example, students who wish to drop a course after the drop date, must petition for exemption from the drop deadline. It should be noted that a petition is a request for the waiver of an existing regulation; it cannot be used to create a regulation (for example: a degree program that does not exist). Normally the Petitions Committee will not consider petitions more than one year beyond the date of the release of grades for the session to which the petition relates.

For information regarding petitions in the Faculty of Liberal Arts & Professional Studies please visit: <http://laps.yorku.ca/office-of-the-faculty-council/undergraduate-academic-petitions/>.

## **Deferred Standing**

A Deferred Standing (extension) is a process by which students reach an agreement with the course director for an extension to the deadline if they are unable to write their final examination at the scheduled time or submit term work before the Faculty deadline to submit final grades.

The course director **may** grant deferred standing in the course. In doing so, a date is set for writing the exam or submitting the outstanding work. In order to qualify for Deferred Standing, a student must complete the standard Deferred Standing Agreement form and submit relevant supporting documentation to the department offering the course. This form and further information are available on-line: <http://www.registrar.yorku.ca/exams/deferred>.

Senate Policy states, "Normally requests for deferred standing must be communicated within **one week** (7 calendar days) following a missed examination or the last day to submit course work." (The period during which the University is officially closed for December holidays and statutory holidays is not counted in the determination of deadline days.)

It is the responsibility of students to make arrangements with the course director to complete the course and file the Deferred Standing Agreement form with the appropriate departmental/unit office by the deadline specified on the form. Appropriate Documentation verifying the circumstances for the missed final examination must be provided at the time of requesting the Deferred Standing from the Course Director.

### **WHAT IS APPROPRIATE DOCUMENTATION?**

#### **Medical Circumstances**

Exams missed due to medical circumstances must be supported by an attending physicians statement or a statement by a psychologist or a counsellor. The Attending Physician's Statement form can be found at [http://registrar.studentsqa.uit.yorku.ca/sites/registrar/files/pdf/attend\\_physician\\_statement.pdf](http://registrar.studentsqa.uit.yorku.ca/sites/registrar/files/pdf/attend_physician_statement.pdf)

The physician's statement must include the following:

- i) Full name, mailing address, telephone number of the physician.
- ii) State the nature of the illness and its duration (i.e., specific dates covered).
- iii) An indication of whether the illness and/or medication prescribed would have **SERIOUSLY** affected the students ability to study and perform over the period in question.

**NOTE:** the physician's office may be contacted to verify that the statement was actually completed by the Physician.

#### **NON-MEDICAL CIRCUMSTANCES:**

Exams missed due to non-medical circumstances must be supported by appropriate documentation, i.e., death certificates, obituary notice, automobile accident reports, airline/bus ticket receipt for **emergency travel** (with the date of booking on the ticket), etc. Airline/train/bus ticket/receipts for emergency travel must indicate destination, departure, and return dates. Having to work at the time of the exam or non-emergency travel **are not** considered valid excuses for missing the exam.

The manner in which the missed exam (which has been legitimately documented) is handled is at the discretion of the course director, and should be outlined by the instructor within the first two weeks of the course. **If a course director does not agree to consider requests for deferred standing students then may file a petition with the relevant Faculty-level committee for consideration within the established deadline.**

## **Student Resources**

### **CAREER CENTRE:**

Wondering how to make your degree work for you?

York's Career Centre has programs and services to help you throughout your University years – from learning about career opportunities and finding jobs you want, to building career-related skills and exploring further education. The

Career Centre is committed to your success. Wherever you are now and wherever you may want to go next (even if you don't know where that is), you can create your future. Visit the Career Centre in Suite 202, McLaughlin College or at <http://www.yorku.ca/careers> (416-736-5351) to learn about their programs and services and register for those that meet your needs.

### **COUNSELLING & DISABILITY SERVICES:**

The CDS offers a range of services to students of York University including personal counselling, group development workshops, learning skills training, and support for learning, physical and psychiatric disabilities: <http://www.yorku.ca/cds> (416-736-5297).

### **LEARNING SKILLS WORKSHOPS:**

Students concerned about successfully completing their major and required courses, are encouraged to consider the Learning Skills Program offered through the Counselling and Development Centre. Through individual consultations, group workshops and self-help exercises, students may work at improving their reading, listening, note taking, memory, time management and writing skills: You can visit their web site: <http://www.yorku.ca/cds/lss/index.html>

### **Relevant Programs and Certifications**

#### **BBA/IBBA/ MBA/ MPA/ INTERNATIONAL MBA – SCHULICH SCHOOL OF BUSINESS:**

Students contemplating studies in business administration at the undergraduate (BBA) or graduate level (MBA/MPA or International MBA) should consult the respective Admissions Office/Student Services, Rm. W262 Schulich School of Business. For information regarding MBA/MPA/IMBA programs you can call 416-736-5060 and for the BBA program you can call 416-736-5081. Or you can e-mail: [admissions@schulich.yorku.ca](mailto:admissions@schulich.yorku.ca) (MBA/MPA/IMBA) or [undergrad@schulich.yorku.ca](mailto:undergrad@schulich.yorku.ca) (BBA) or visit: <http://www.schulich.yorku.ca> for the various Schulich programs. Those considering the Second Year Delayed-Entry BBA Option should note that students admitted to this program may transfer a maximum of one full year (30.0 credit hours of courses) to be applied against certain BBA degree requirements (certain prerequisite courses must be taken in Year 1):

[http://schulich.yorku.ca/client/schulich/schulich\\_ip4w\\_ind\\_webstation.nsf/page/Bachelor+Degrees?OpenDocument](http://schulich.yorku.ca/client/schulich/schulich_ip4w_ind_webstation.nsf/page/Bachelor+Degrees?OpenDocument)

#### **M.A. PROGRAM IN ECONOMICS:**

The M.A. Program welcomes qualified graduates of York's various economic programs. All applicants must have a four year Honours Baccalaureate degree with a least a B average in the final two years and must have successfully completed:

- ❖ one term of university level courses in Linear Algebra, Calculus, Statistics and Econometrics (3-credits each – half courses), for example, York's Undergraduate AP/Economics 1530 3.0/1540 3.0/2500 3.0/3210 3.0.
- ❖ two term courses in Intermediate Microeconomics and Intermediate Macroeconomics (6-credits each – full courses), for example, York's Undergraduate AP/Economics 2300 3.0/2350 3.0 and 2400 3.0/2450 3.0.

Applicants may be required to successfully complete preparatory courses, to be taken at the undergraduate level, prior to being admitted. **Even though it is not required**, admission priority will be given to applicants who have demonstrated excellence in advanced level courses in Microeconomics, Macroeconomics and Econometrics (such as York's Undergraduate AP/ECON 4010 3.0, AP/ECON 4020 3.0 and AP/ECON 4210 3.0).

**NOTE:** Application forms are available on-line: <http://futurestudents.yorku.ca/graduate/apply-now> . Students in 3<sup>rd</sup> or 4<sup>th</sup> year with an interest in pursuing the graduate program in Economics at York (or elsewhere) may obtain advice from the Economics Graduate Program Office, located in room 1120 Vari Hall, 416-736-5323. For more information about the Economics Graduate Program please visit their web page: <http://www.yorku.ca/gradecon>.

**NOTE:** Undergraduate students may take a graduate course within their last year with permission from the Graduate and Undergraduate Program Directors. The Faculty of Graduate Studies - Letter of Permission Form is available on-line: <http://gradstudies.yorku.ca/files/2014/08/course-undergrad-grad.pdf>

#### **MATURE AND PART-TIME STUDENTS:**

Open to students of all Faculties, the Atkinson Centre for Mature & Part-time Students (ACMAPS) provides information, advice and support to help mature and part-time students make the most of their York experience. ACMAPS is a place where students, staff and professors can meet to share common interests and experiences. For more information please visit their web page: <http://www.yorku.ca/acmaps>.



## **CHARTERED FINANCIAL ANALYSTS (CFA)**

The CFA Program bridges current practice, investment theory, and ethical and professional standards to provide investment analysis and portfolio management skills. <https://www.cfainstitute.org/pages/index.aspx>

## **CHARTERED PROFESSIONAL ACCOUNTANTS OF ONTARIO (CPA):**

Students interested in a career in chartered accountancy should obtain the list of required courses from the Ontario Institute of Chartered Professional Accountants should visit: <https://www.cpacanada.ca/en>.

- CGA – Certified General Accountants of Ontario <http://www.cga-ontario.org/>
- CMA – Certified Management Accountants of Ontario <http://www.cmaontario.org/>

## **ONTARIO INTERNSHIP PROGRAM**

The Ontario Internship Program invests in committed, talented graduates seeking a great opportunity to start and accelerate their careers. It's a paid, two-year developmental opportunity to grow top talent while delivering important public services to the people of Ontario.

<https://www.internship.gov.on.ca/mbs/sdb/intern.nsf/LkpWebContent/ePublishedHOME>

## **Enrolment**

York University uses a web-based system for enrolling in courses. The web registration and enrolment system can be accessed at [www.yorku.ca](http://www.yorku.ca), click on Current Students, and then click on Add/Drop a course under **COURSES & ENROLMENT**. Students are assigned a specific day and start time for access to the registration and enrolment system. Enrolment access dates for the Fall/Winter session are available in April at [www.yorku.ca](http://www.yorku.ca). (Click on Current Students, then click on Find Out when I can enrol.) Once your enrolment access begins, you will be able to use the web registration and enrolment system at any time during hours of operation.

- Read the **Enrolment & Registration Guide** at [www.yorku.ca](http://www.yorku.ca) click on Current Students, then click on Enrolment & Registration Guide—contains detailed instructions on how to use the registration and enrolment system to add and/or drop courses or change sections/tutorials/labs/workshops of the same course (enrolment information), policies and procedures regarding fee payment and registration, and the refund table (financial information). For sessional dates (academic deadlines) click on Important Dates.
- Use the **Course Timetable**—at [www.yorku.ca](http://www.yorku.ca) click on Current Students, then click on Course Timetables—contains the courses offered in the current session, the catalogue numbers required to enrol in courses, the day and time the course is offered, and the location of the course.

## **RESERVED COURSES:**

In order to ensure fair enrolment, the Economics Department has reserved economics courses for economics (and applicable) majors during the initial enrolment period. This allows us to ensure access for students who must enrol in their courses in order to graduate. The restrictions for FW15/16 courses will be lifted sometime in mid-July allowing non-majors to enroll in economics courses (space permitting). Economics majors are encouraged to **NOT** miss their initial enrolment time as courses they may need to graduate could fill up once the restrictions are lifted.

## **Department Awards and Scholarships**

The **Annie Kaplansky Award** is available to students who are majoring in Economics (Keele Campus) who have completed their first year of study (a minimum of 30 credits). All applicants must have achieved a minimum of B (6.0) from their first 30 credits to be considered for this award. Recipients must be Canadian Citizens/Permanent Residents, or protected persons, residents of Ontario and demonstrate financial need. This award has been established to honour Annie Kaplansky and her personal commitment to hard work and achievement of excellence. To be considered for this award (based on the 2015/16 academic year), students must complete a Student Financial Profile by the Fall published deadline: <http://sfs.yorku.ca/services/sfp/index.htm>. The recipient of this Award will be selected by the Department of Economics, sometime in late Fall 2016.

The **Chris Sloan Prize** awarded based on academic achievement and contribution to the Department of Economics. It is open to students both in the Undergraduate and Graduate Programs. This prize was established in the memory of Chris Sloan, Administrative Assistant in the Department of Economics from 1969 – 1987. The recipient of this Award will be selected by the Department of Economics and awarded sometime in the Fall Term. Please note that the prize may not be awarded every year.

The **Edward A. Beder Memorial Scholarship** are two scholarships awarded annually to the Faculty of Liberal Arts and Professional Studies students – one to a student majoring in economics and the other to a student majoring in political science. Both students must be entering the third- or fourth-year of their program. To be considered for this award (based on the 2015/16 academic year), students must complete a Student Financial Profile by the Fall published deadline: <http://sfs.yorku.ca/scholarships/current/scholar>. The recipient of this Award will be selected by the Department of Economics, sometime in late Fall 2016.

The **George Doxey Award** awarded to students who are majoring in an economics program offered at the Keele Campus. Recipients must be Canadian citizens/permanent residence or protected persons, residents of Ontario and demonstrate financial need. This award was established in honour of George Doxey, the founding Chair of the Department of Economics and the former Master of McLaughlin College. To be considered for this award (based on the 2015/16 academic year), students must complete a Student Financial Profile by the Fall published deadline: <http://sfs.yorku.ca/scholarships/current/scholar>. The recipient of this Award will be selected by the Department of Economics, sometime in late Fall 2016.

The **Stanley L. Warner Memorial Prize** is awarded to the student submitting the best essay in fulfilment of the writing requirement of the economics degree. This award was established in memory of Stanley L. Warner, Professor of statistics and economics, to celebrate his many contributions (an application is not required).

The **Tait Montague Book Prize** is awarded each year to the Economics student who has achieved the highest standing in the Economics 1000 3.0/1010 3.0 Principles courses (an application is not required).

The **William Jaffe Book Prize** is awarded to an economics major who has achieved the highest standing in both Economics 4059 3.0/4069 3.0 History of Economic Thought I & II (an application is not required).

The **William Pearson Scott Scholarship** is awarded annually to an outstanding student in Economics or Political Science who is entering either the fourth year of an honours program or the first year of a graduate program (an application is not required).

The **John Robinson Award in Economics** is awarded to an undergraduate student majoring in Economics in the Faculty of Liberal Arts and Professional Studies who has completed at least 48 credits within a minimum cumulative grade point average of "B" (6.00). Preference may be given to a student who is currently enrolled in Public Finance course. Recipients must be Canadian citizens, permanent residents or protected person, residents of Ontario and demonstrate financial need. To be considered for this award, students must submit a student financial profile available at <http://sfs.yorku.ca/aid/sfp>. Students with disabilities have the option of submitting a paper application. Paper copies of the application are available at any of the disabilities service providers on campus.

The **Malcom Streete Bursary** is an award that will be given to a student entering the Faculty of Liberal Arts and Professional Studies from Oakwood Collegiate High School or a high school in Jane-Finch or Regent Park communities. To be eligible, a student must enrol in at least 24 credits, demonstrate financial need, have been involved in their community and declare an interest in studying in the social sciences (including anthropology, economics, human geography, political science or sociology). Recipients must be Canadian citizens, permanent residents or protected person, residents of Ontario and demonstrate financial need. Preference will be given to students with demonstrated involvement in the African or Caribbean community. **The recipient is chosen by the Office of the Associate Dean, Students – The Faculty of Liberal Arts and Professional Studies.**

The **Ron Bordessa Prize** is awarded to a Liberal Arts and Professional Studies student with the best academic performance among those who have completed at least 36 credits with a minimum cumulative grade point average of 7.0 (B+) and who is majoring in an area of the social sciences: political science, sociology, interdisciplinary social science, Race, Ethnicity and Indigeneity, social work or economics. In making the selection, a student's special needs or circumstances may be taken into consideration. Established in honour of Ron Bordessa, Professor of Geography and Urban Studies, who served as Dean of Atkinson for two terms. **The recipient is chosen by the Office of the Associate Dean, Students – The Faculty of Liberal Arts and Professional Studies.**



The **Tony Elias Jr., B.A. Memorial Award** is awarded to a student pursuing a Bachelor of Liberal Arts & Professional Studies with a major in economics. Applicants must be enrolled in third year and beyond, have a minimum cumulative grade point average of 6.0 (B), be Canadian citizens, permanent residents or protected person, be Ontario residents and be in financial need. A student may only receive this award once. This award was named in honour of Tony Elias Jr., a former graduate of York. **The recipient is chosen by the Office of Student Financial Services.**

For further information, on these and other awards, undergraduate bursaries, scholarships and prizes, please visit Student Financial Services Centre (SSC), 416-736-5614 or visit: <http://sfs.yorku.ca/scholarships/current/scholar>.

### **Relevant Websites:**

Academic Honesty.....	<a href="http://www.yorku.ca/secretariat/policies/document.php?document=69">http://www.yorku.ca/secretariat/policies/document.php?document=69</a>
Calendars.....	<a href="http://www.registrar.yorku.ca/calendars/index.htm">http://www.registrar.yorku.ca/calendars/index.htm</a>
Canadian Securities Institute .....	<a href="https://www.csi.ca/student/en_ca/about/index.xhtml">https://www.csi.ca/student/en_ca/about/index.xhtml</a>
Career Centre.....	<a href="http://www.yorku.ca/careers">www.yorku.ca/careers</a>
Chartered Professional Accountants of Ontario (CPA)	<a href="http://www.gocpaontario.ca/">http://www.gocpaontario.ca/</a>
Certified General Accountants (CGA).....	<a href="http://www.cga-ontario.org">http://www.cga-ontario.org</a>
Certified Management Accountants (CMA)	<a href="http://www.cma-canada.org/index.cfm/ci_id/45/la_id/1.htm">http://www.cma-canada.org/index.cfm/ci_id/45/la_id/1.htm</a>
Convocation @ York University.....	<a href="http://www.yorku.ca/mygraduation">http://www.yorku.ca/mygraduation</a>
Counselling & Disability Services .....	<a href="http://www.yorku.ca/cds/">http://www.yorku.ca/cds/</a>
Economics Web Page .....	<a href="http://econ.yorku.ca">http://econ.yorku.ca</a>
Economics Students Association .....	<a href="http://econ.yorku.ca/undergraduate/esa.htm">http://econ.yorku.ca/undergraduate/esa.htm</a>
Faculty of Liberal Arts & Professional Studies (LA&PS):	<a href="http://www.yorku.ca/laps">http://www.yorku.ca/laps</a>
General Education Courses .....	<a href="http://www.yorku.ca/laps/courses/gen_education.html">http://www.yorku.ca/laps/courses/gen_education.html</a>
Registrar's Office.....	<a href="http://www.registrar.yorku.ca">http://www.registrar.yorku.ca</a>
Student Financial Services .....	<a href="http://sfs.yorku.ca">http://sfs.yorku.ca</a>
Student Rights & Responsibilities .....	<a href="http://www.yorku.ca/laps/students/rights.html">http://www.yorku.ca/laps/students/rights.html</a>
The Change My Program Request Form .....	<a href="http://www.registrar.yorku.ca/program/change">http://www.registrar.yorku.ca/program/change</a>
The Writing Department .....	<a href="http://www.yorku.ca/laps/writ/">http://www.yorku.ca/laps/writ/</a>
LAPS Undergraduate Academic Petitions.....	<a href="http://laps.yorku.ca/office-of-the-faculty-council/undergraduate-academic-petitions/">http://laps.yorku.ca/office-of-the-faculty-council/undergraduate-academic-petitions/</a>
Undergraduate Sessional Dates: .....	<a href="http://registrar.yorku.ca/enrol/dates/fw15">http://registrar.yorku.ca/enrol/dates/fw15</a>
York International.....	<a href="http://yorkinternational.yorku.ca/">http://yorkinternational.yorku.ca/</a>

### **Program Checklists**

Checklists for all Faculty of Liberal Arts & Professional Studies Economics programs will be available in the Economics Undergraduate Office (1144 Vari Hall) and on the Economics Web page <http://econ.yorku.ca>. Students can complete their degrees/programs in accordance with grandparenting principles with the same rules and degree requirements they started with, unless they alter their program of study. Degree designations (e.g. BA) will not change. Students who continue in their original program have until the deadline announced by the faculty to complete their program under the grandparented rules. Students who modify their program of study will follow the current regulations established by LA&PS. Visit the grandparent rules FAQ page for more information at <http://laps.yorku.ca/student-resources/academic-resources-and-faqs/frequently-asked-questions/>. Checklists prior to Fall 2014 are available in the Economics Undergraduate Office and found on the Economics Web page.

**BA in BUSINESS ECONOMICS (BUEC)****90 CREDITS****MAJOR****48 CREDITS**

AP/ITEC 1010 3.00 \_\_\_\_\_

AP/ADMS 2500 3.00 &amp; AP/ADMS 2510 3.00 \_\_\_\_\_ / \_\_\_\_\_

AP/ECON 1000 3.00 &amp; AP/ECON 1010 3.00 \_\_\_\_\_ / \_\_\_\_\_

AP/ECON 1530 3.00 &amp; AP/ECON 1540 3.00 \_\_\_\_\_ / \_\_\_\_\_

AP/ECON 2300 3.00 &amp; AP/ECON 2350 3.00 \_\_\_\_\_ / \_\_\_\_\_

AP/ECON 2400 3.00 &amp; AP/ECON 2450 3.00 \_\_\_\_\_ / \_\_\_\_\_

AP/ECON 2500 3.00 \_\_\_\_\_

AP/ECON 3210 3.00 or AP/ECON 3480 3.00 \_\_\_\_\_

AP ECON 3411 3.00 or AP/ECON 3810 3.00 \_\_\_\_\_

**6 Credits to be selected from the following:**

\*AP/ADMS 3351 3.0 (\*cross-listed to AP/ECON 3120 3.0);

AP/ADMS 3510 3.00; AP/ECON 3150 3.00; AP/ECON 3200 3.00; AP/ECON 3240 3.00; AP/ECON 3430 3.00; AP/ECON 3440 3.00; AP/ECON 3580 3.00. \_\_\_\_\_ / \_\_\_\_\_

**GENERAL EDUCATION CREDITS****21 CREDITS****Students must take a minimum 21 General Education credits from the approved list of LA&PS General Education courses:****6.0 credits** in Natural Science (NATS); \_\_\_\_\_**9.0 credits** approved General Education course in the Social Science (SOSC) or Humanities (HUMA) category; \_\_\_\_\_**6.0 credits** approved General Education course in the opposite category to the 9.0 credit course in SOSC or HUMA already taken. \_\_\_\_\_[http://www.yorku.ca/laps/courses/gen\\_education.html](http://www.yorku.ca/laps/courses/gen_education.html)**\*OUTSIDE MAJOR CREDITS****18 CREDITS**

- 18 credits must be outside the major \_\_\_\_\_
- **No Economics credits or equivalents/course credit exclusions** \_\_\_\_\_
- A minimum of 6 credits **MUST BE** at the 3000 or 4000 level **3 or 4** \_\_\_\_\_

**\*please see #2 of rules checklist below****\*FREE CHOICE (major or credits outside the major)\*****3 CREDITS****\*3 credits (any level)** \_\_\_\_\_**Rules Checklist****\*\*NOTE: a 6-credit course can be made up of two 3-credit courses.**

**1. Residency requirement:** a minimum of 30 credits (5 full courses) including at least half (50 per cent) of the major credits must be completed at York University. **2. Faculty requirement:** a minimum of 18 credits at the 3000 or 4000 level. **3. Graduation requirement:** students must successfully complete (pass) at least 90 credits that meet the Faculty's degree and program requirements with a cumulative grade point average of at least 4.00 (C).

**BA in ECONOMICS (ECON)****90 CREDITS****MAJOR****39 CREDITS**

AP/ECON 1000 3.00 &amp; AP/ECON 1010 3.00

/

AP/ECON 1530 3.00 &amp; AP/ECON 1540 3.00

/

AP/ECON 2300 3.00 &amp; AP/ECON 2350 3.00

/

AP/ECON 2400 3.00 &amp; AP/ECON 2450 3.00

/

AP/ECON 2500 3.00

/

AP/ECON 3210 3.00 or AP/ECON 3480 3.00

/

AP/ECON 3 or 4\_\_3.00 &amp; AP/ECON 3 or 4\_\_3.00

/

AP/ECON 3 or 4\_\_3.00

/

**GENERAL EDUCATION CREDITS****21 CREDITS****Students must take a minimum 21 General Education credits from the approved list of LA&PS General Education courses:****6.0 credits** in Natural Science (NATS);**9.0 credits** approved General Education course in the Social Science (SOSC) or Humanities (HUMA) category;**6.0 credits** approved General Education course in the opposite category to the 9.0 credit course in SOSC or HUMA already taken.[http://www.yorku.ca/laps/courses/gen\\_education.html](http://www.yorku.ca/laps/courses/gen_education.html)**\*OUTSIDE MAJOR CREDITS****18 CREDITS**

18 credits must be outside the major

**No Economics credits or equivalents/course credit exclusions****\*FREE CHOICE (major or credits outside the major)****12 CREDITS**

- **\*6 credits** (any level)
- A minimum of 6 credits **MUST BE** at the 3000 or 4000 level

**\*please see #2 of rules checklist below****Rules Checklist****\*\*NOTE: a 6-credit course can be made up of two 3-credit courses.**

**1. Residency requirement:** a minimum of 30 credits (5 full courses) including at least half (50 per cent) of the major credits must be completed at York University. **2. Faculty requirement:** a minimum of 18 credits at the 3000 or 4000 level. **3. Graduation requirement:** students must successfully complete (pass) at least 90 credits that meet the Faculty's degree and program requirements with a cumulative grade point average of at least 4.00 (C).

**120 CREDITS**

**HONOURS BA in ECONOMICS (HON ECON)**

**MAJOR**

**48 CREDITS**

AP/ECON 1000 3.00 & AP/ECON 1010 3.00

/

AP/ECON 1530 3.00 & AP/ECON 1540 3.00

/

AP/ECON 2300 3.00 & AP/ECON 2350 3.00

/

AP/ECON 2400 3.00 & AP/ECON 2450 3.00

/

AP/ECON 2500 3.00

AP/ECON 3210 3.00 or AP/ECON 3480 3.00

AP/ECON 3 or 4\_\_3.00 & AP/ECON 3 or 4\_\_3.00

/

AP/ECON 4\_\_3.00\* & AP/ECON AP/ECON 4\_\_3.00\*

/

AP/ECON 4\_\_3.00\* & AP/ECON AP/ECON 4\_\_3.00\*

/

**\*A minimum of 6 credits must be in writing courses (4<sup>th</sup> digit "9" e.g. AP/ECON 3249 3.0)**

**GENERAL EDUCATION CREDITS**

**21 CREDITS**

**Students must take a minimum 21 General Education credits from the approved list of LA&PS General Education courses:**

**6.0 credits** in Natural Science (NATS);

**9.0 credits** approved General Education course in the Social Science (SOSC) or Humanities (HUMA) category;

**6.0 credits** approved General Education course in the opposite category to the 9.0 credit course in SOSC or HUMA already taken.

[http://www.yorku.ca/laps/courses/gen\\_education.html](http://www.yorku.ca/laps/courses/gen_education.html)

**\*OUTSIDE MAJOR CREDITS**

**18 CREDITS**

18 credits must be outside the major

**No Economics credits or equivalents/course credit exclusions**

**\*FREE CHOICE (major or credits outside the major)**

**33 CREDITS**

- **\*18 credits** at any level
- A minimum of 9 credits **MUST BE** at the 3000 or 4000 level
- A minimum of 6 credits **MUST BE** at the 4000 level

**\* please see #2 of rules checklist below**

**3 or 4**

**3 or 4**

**4**

**Rules Checklist**

**\*\*\*NOTE: a 6-credit course can be made up of two 3-credit courses.**

**1. Residency requirement:** a minimum of 30 credits (5 full courses) including at least half (50 per cent) of the major credits must be completed at York University. **2. Faculty requirement** a minimum of 36 credits at the 3000 or 4000 level including 18 credits at the 4000 level. **3. Graduation requirement:** students must successfully complete (pass) at least 120 credits that meet the Faculty's degree and program requirements with a cumulative grade point average of at least 5.00 (C+).

**SPECIALIZED HONOURS BA in FINANCIAL & BUSINESS ECONOMICS (FBEC)****120 CREDITS****MAJOR****78 CREDITS**

AP/ITEC 1010 3.00

SC/MATH 1581 3.00

AP/ADMS 2500 3.00 &amp; AP/ADMS 2510 3.00

AP/ECON 1000 3.00 &amp; AP/ECON 1010 3.00

AP/ECON 1530 3.00 &amp; AP/ECON 1540 3.00

AP/ECON 2300 3.00 &amp; AP/ECON 2350 3.00

AP/ECON 2400 3.00 &amp; AP/ECON 2450 3.00

AP/ECON 2500 3.00

AP/ECON 3210 3.00 or AP/ECON 3480 3.00

AP/ECON 3430 3.00 &amp; AP/ECON 3440 3.00

AP/ECON 3580 3.00

AP/ECON 4140 3.00

AP/ECON 4400 3.00 &amp; AP/ECON 4410 3.00

**18 Credits to be selected from the list on the following page:**

1. A minimum of 9 credits at the 4000 level.

**3****/3**

2. A minimum of 9 credits from economics.

**4****/4**

3. A minimum of 3 economics credits at the 4000 level.

**/4****\*please see #2 of rules checklist below****GENERAL EDUCATION CREDITS****21 CREDITS****Students must take a minimum 21 General Education credits from the approved list of LA&PS General Education courses:****6.0 credits** in Natural Science (NATS);**9.0 credits** approved General Education course in the Social Science (SOSC) or Humanities (HUMA) category;**6.0 credits** approved General Education course in the opposite category to the 9.0 credit course in SOSC or HUMA already taken.[http://www.yorku.ca/laps/courses/gen\\_education.html](http://www.yorku.ca/laps/courses/gen_education.html)**\*OUTSIDE MAJOR CREDITS****18 CREDITS**

18 credits must be outside the major

**No Economics credits or equivalents/course credit exclusions****\*FREE CHOICE (major or credits outside the major)****3 CREDITS****\*3 credits** (any level)**Continued on Next Page...**

Rules Checklist

\*\*\*NOTE: a 6-credit course can be made up of two 3-credit courses.

**1. Residency requirement:** a minimum of 30 credits (5 full courses) including at least half (50 per cent) of the major credits must be completed at York University. **2. Faculty requirement:** a minimum of 18 credits at the 3000 or 4000 level (\*\* Please note: a minimum of 6 credits MUST BE taken at the 3000 or 4000 level) **3. Graduation requirement:** students must successfully complete (pass) at least 90 credits that meet the Faculty's degree and program requirements with a cumulative grade point average of at least 5.00 (C+).

**18 credits to be selected from:**

- AP/ECON 3150 3.0..... International Trade
- AP/ECON 3200 3.0..... Industrial Organization
- AP/ECON 3240/9 3.0..... Labour Economics: Theory
- AP/ECON 3411 3.0..... Managerial Economics and Strategy
- AP/ECON 3810 3.0..... The Economics of Project Appraisal and Feasibility
- AP/ECON 4039 3.0..... Experimental Economics
- AP/ECON 4070 3.0..... Public Finance I
- AP/ECON 4080 3.0..... Public Finance II
- AP/ECON 4130 3.0..... Game Theory in Economics
- AP/ECON 4190 3.0..... Topics in International Trade
- AP/ECON 4200 3.0..... Topics in International Monetary Economics
- AP/ECON 4420 3.0..... Topics in Corporate Finance
- AP/ECON 4759 3.0..... Economics of Antitrust and Competition Policy
- AP/ADMS 2610 3.0..... Elements of Law: Part One
- AP/ADMS 3510 3.0..... Managerial Cost Accounting and Analysis
- AP/ADMS 3531 3.0..... Personal Investment Management
- AP/ADMS 3541 3.0..... Personal Financial Planning
- AP/ADMS 3585 3.0..... Intermediate Financial Accounting I
- AP/ADMS 3595 3.0..... Intermediate Financial Accounting II
- AP/ADMS 3620 3.0..... Elements of Law: Part Two
- AP/ADMS 4501 3.0..... Advanced Portfolio Management
- AP/ADMS 4503 3.0..... Derivative Securities
- AP/ADMS 4504 3.0..... Fixed Income Securities and Risk Management
- AP/ADMS 4520 3.0..... Advanced Financial Accounting I
- AP/ADMS 4530 3.0..... Advanced Financial Accounting II
- AP/ADMS 4541 3.0..... Applied Corporate Finance
- AP/ADMS 4542 3.0..... International Financial Management
- AP/ADMS 4570 3.0..... Management Planning and Control Systems

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**NOTES**

1. At least 9 credits must be from economics (of these 9 credits, at least 3 credits must be at the 4000 level).
2. At least 9 credits must be at the 4000 level (of these 9 credits, at least 3 credits must be from economics).
3. Many of the ADMS courses listed above have prerequisites and students are advised to consult the calendar and/or the Department of Economics in selecting their courses.

**SPECIALIZED HONOURS BA in ECONOMICS (HON ECON)****120 CREDITS****MAJOR****60 CREDITS**

AP/ECON 1000 3.00 &amp; AP/ECON 1010 3.00

/

AP/ECON 1530 3.00 &amp; AP/ECON 1540 3.00

/

AP/ECON 2300 3.00 &amp; AP/ECON 2350 3.00

/

AP/ECON 2400 3.00 &amp; AP/ECON 2450 3.00

/

AP/ECON 2500 3.00 &amp; AP/ECON 3210 3.00

/

AP/ECON 3500 3.00 &amp; AP/ECON 3530 3.00

/

AP/ECON 4010 3.00 &amp; AP/ECON 4020 3.00

/

AP/ECON 4210 3.00

AP/ECON 3 or 4\_\_3.00\* &amp; AP/ECON 3 or 4\_\_3.00\*

/

AP/ECON 3 or 4\_\_3.00\* &amp; AP/ECON 3 or 4\_\_3.00\*

/

AP/ECON 4\_\_3.00\*

**\*A minimum of 6 credits must be in writing courses (4<sup>th</sup> digit "9" e.g. AP/ECON 3249 3.0)****GENERAL EDUCATION CREDITS****21 CREDITS****Students must take a minimum 21 General Education credits from the approved list of LA&PS General Education courses:****6.0 credits** in Natural Science (NATS);**9.0 credits** approved General Education course in the Social Science (SOSC) or Humanities (HUMA) category;**6.0 credits** approved General Education course in the opposite category to the 9.0 credit course in SOSC or HUMA already taken.[http://www.yorku.ca/laps/courses/gen\\_education.html](http://www.yorku.ca/laps/courses/gen_education.html)**\*OUTSIDE MAJOR CREDITS****18 CREDITS**

18 credits must be outside the major

**No Economics credits or equivalents/course credit exclusions****\*FREE CHOICE (major or credits outside the major)\*****21 CREDITS)**

- **\*15 credits** (any level)
- A minimum of 6 credits **MUST BE** at the 4000 level

**\*please see #2 of rules checklist below**

4

**Rules Checklist****\*\*\*NOTE: a 6-credit course can be made up of two 3-credit courses.**

**1. Residency requirement:** a minimum of 30 credits (5 full courses) including at least half (50 per cent) of the major credits must be completed at York University. **2. Faculty requirement:** a minimum of 36 credits at the 3000 or 4000 level including 18 credits at the 4000 level. **3. Graduation requirement:** students must successfully complete (pass) at least 120 credits that meet the Faculty's degree and program requirements with a cumulative grade point average of at least 5.00 (C+).

**HONOURS BA in ECONOMICS, Minor \_\_\_\_\_ 120 CREDITS**

**MAJOR 48 CREDITS**

AP/ECON 1000 3.00 & AP/ECON 1010 3.00	/
AP/ECON 1530 3.00 & AP/ECON 1540 3.00	/
AP/ECON 2300 3.00 & AP/ECON 2350 3.00	/
AP/ECON 2400 3.00 & AP/ECON 2450 3.00	/
AP/ECON 2500 3.00	
AP/ECON 3210 3.00 or AP/ECON 3480 3.00	
AP/ECON 3 or 4__3.00 & AP/ECON 3 or 4__3.00	/
AP/ECON 4__3.00* & AP/ECON AP/ECON 4__3.00*	/
AP/ECON 4__3.00* & AP/ECON AP/ECON 4__3.00*	/

**\*A minimum of 6 credits must be in writing courses (4<sup>th</sup> digit "9" e.g. AP/ECON 3249 3.0)**

**GENERAL EDUCATION CREDITS 21 CREDITS**

**Students must take a minimum 21 General Education credits from the approved list of LA&PS General Education courses:**

**6.0 credits** in Natural Science (NATS); \_\_\_\_\_

**9.0 credits** approved General Education course in the Social Science (SOSC) or Humanities (HUMA) category; \_\_\_\_\_

**6.0 credits** approved General Education course in the opposite category to the 9.0 credit course in SOSC or HUMA already taken. \_\_\_\_\_

[http://www.yorku.ca/laps/courses/gen\\_education.html](http://www.yorku.ca/laps/courses/gen_education.html)

**MINOR AT LEAST 30 CREDITS**

To be determined by the department offering the minor. \_\_\_\_\_

It is important to check the supplemental calendar of the other department \_\_\_\_\_

**\*please see #2 of rules checklist below** \_\_\_\_\_

**3 or 4**

**4**

**\*FREE CHOICE (major or credits outside the major) 21 CREDITS**

**\*21 credits (any level)** \_\_\_\_\_

**Rules Checklist**

**\*\*\*NOTE: a 6-credit course can be made up of two 3-credit courses.**

**1. Residency requirement:** a minimum of 30 credits (5 full courses) including at least half (50 per cent) of the major credits must be completed at York University. **2. Faculty requirement:** a minimum of 36 credits at the 3000 or 4000 level including 18 credits at the 4000 level. **3. Graduation requirement:** students must successfully complete (pass) at least 120 credits that meet the Faculty's degree and program requirements with a cumulative grade point average of at least 5.00 (C+).



**HONOURS BA MINOR ECONOMICS, Major \_\_\_\_\_** **120 CREDITS**

**MINOR** **39 CREDITS**

AP/ECON 1000 3.00 & AP/ECON 1010 3.00	/
AP/ECON 1530 3.00 & AP/ECON 1540 3.00	/
AP/ECON 2300 3.00 & AP/ECON 2350 3.00	/
AP/ECON 2400 3.00 & AP/ECON 2450 3.00	/
AP/ECON 2500 3.00	
AP/ECON 3210 3.00 or AP/ECON 3480 3.00	
AP/ECON 3 or 4 ___ 3.00	
AP/ECON 4 ___ 3.00 & AP/ECON AP/ECON 4 ___ 3.00	/

**GENERAL EDUCATION CREDITS (\*\*To be designated by major\*\*)** **21 CREDITS**

**Students majoring in LA&PS must take a minimum 21 General Education credits from the approved list of LA&PS General Education courses:**

**6.0 credits** in Natural Science (NATS);

**9.0 credits** approved General Education course in the Social Science (SOSC) or Humanities (HUMA) category;

**6.0 credits** approved General Education course in the opposite category to the 9.0 credit course in SOSC or HUMA already taken.

[http://www.yorku.ca/laps/courses/gen\\_education.html](http://www.yorku.ca/laps/courses/gen_education.html)

**MAJOR** **AT LEAST 42 CREDITS**

To be determined by the department offering the major.

It is important to check the supplemental calendar of the other department

\*please see #2 of rules checklist below

3  
3  
4  
4

**\*FREE CHOICE (major or credits outside the major)** **18 CREDITS**

\*18 credits (any level)

**Rules Checklist**

**\*\*\*NOTE: a 6-credit course can be made up of two 3-credit courses.**

**1. Residency requirement:** a minimum of 30 credits (5 full courses) including at least half (50 per cent) of the major credits must be completed at York University. **2. Faculty requirement** a minimum of 36 credits at the 3000 or 4000 level including 18 credits at the 4000 level. **3. Graduation requirement:** students must successfully complete (pass) at least 120 credits that meet the Faculty's degree and program requirements with a cumulative grade point average of at least 5.00 (C+).

**HONOURS BA DOUBLE MAJOR: ECONOMICS & \_\_\_\_\_** **120 CREDITS**

**MAJOR** **48 CREDITS**

AP/ECON 1000 3.00 & AP/ECON 1010 3.00	/
AP/ECON 1530 3.00 & AP/ECON 1540 3.00	/
AP/ECON 2300 3.00 & AP/ECON 2350 3.00	/
AP/ECON 2400 3.00 & AP/ECON 2450 3.00	/
AP/ECON 2500 3.00	
AP/ECON 3210 3.00 or AP/ECON 3480 3.00	
AP/ECON 3 or 4__3.00 & AP/ECON 3 or 4__3.00	/
AP/ECON 4__3.00* & AP/ECON AP/ECON 4__3.00*	/
AP/ECON 4__3.00* & AP/ECON AP/ECON 4__3.00*	/

**\*A minimum of 6 credits must be in writing courses (4<sup>th</sup> digit "9" e.g. AP/ECON 3249 3.0)**

**GENERAL EDUCATION CREDITS** **21 CREDITS**

**Students must take a minimum 21 General Education credits from the approved list of LA&PS General Education courses:**

- 6.0 credits** in Natural Science (NATS);
  - 9.0 credits** approved General Education course in the Social Science (SOSC) or Humanities (HUMA) category;
  - 6.0 credits** approved General Education course in the opposite category to the 9.0 credit course in SOSC or HUMA already taken.
- [http://www.yorku.ca/laps/courses/gen\\_education.html](http://www.yorku.ca/laps/courses/gen_education.html)

**SECOND MAJOR** **AT LEAST 42 CREDITS**

To be determined by the department offering the major.

It is important to check the supplemental calendar of the other department

**\*please see #2 of rules checklist below**

4

4

**\*FREE CHOICE (major or credits outside the major)** **9 CREDITS**

**\*9 credits (any level)**

**Rules Checklist** **\*\*\*NOTE: a 6-credit course can be made up of two 3-credit courses.**

**1. Residency requirement:** a minimum of 30 credits (5 full courses) including at least half (50 per cent) of the major credits must be completed at York University. **2. Faculty requirement:** a minimum of 36 credits at the 3000 or 4000 level including 18 credits at the 4000 level. **3. Graduation requirement:** students must successfully complete (pass) at least 120 credits that meet the Faculty's degree and program requirements with a cumulative grade point average of at least 5.00 (C+).

## Undergraduate Course Descriptions

### AP/ECON1000 3.00 INTRODUCTION TO MICROECONOMICS:

Introduces the principles and methods of economics with emphasis on microeconomic theory. Topics include general and basic concepts of demand and supply, utility analysis and demand, production and costs, pricing in competitive and monopolistic markets, and government regulation. Note: Successful completion of this course, together with AP/ECON 1010 3.00, is required for all students who intend to pursue additional courses in economics at the 2000, 3000, and 4000 level and in order to pursue degree studies in economics, business economics, and financial and business economics.

**Course credit exclusions:** GL/ECON 2500 3.00, SB/INTL 1200 3.00. **Note:** Acceptable course substitutes are available in this Supplemental Calendar.

**PRIOR TO FALL 2009: Course credit exclusions:** AK/AS/ECON 1000 3.00, AK/ECON 2410 3.00 (prior to Summer 1995), GL/ECON 2500 3.00, SB/INTL 1200 3.00.

### AP/ECON1010 3.00 INTRODUCTION TO MACROECONOMICS:

Introduces the principles and methods of economics with emphasis on macroeconomic theory. Topics include basic models of national income and employment determination, fiscal policy, banking and monetary policy, the theory of international trade and finance, and contemporary macro-economic issues such as unemployment, inflation, and government budget policy. Note: Successful completion of this course, together with AP/ECON 1000 3.00, is required for all students who intend to pursue additional courses in economics at the 2000, 3000, and 4000 level and in order to pursue degree studies in economics, business economics, and financial and business economics.

**Prerequisite:** AP/ECON1000 3.00 is **NOT** a prerequisite for AP/ECON1010 3.00.

**Course credit exclusions:** GL/ECON 2510 3.00, SB/INTL 1210 3.00. **Note:** Acceptable course substitutes are available in this Supplemental Calendar.

**PRIOR TO FALL 2009: Course credit exclusions:** AK/AS/ECON 1010 3.00, GL/ECON 2510 3.00, SB/INTL 1210 3.00.

### AP/ECON1530 3.00 INTRODUCTORY MATHEMATICAL ECONOMICS I:

This course presents and analyzes a sequence of basic ideas, topics and problems arising in Economics. For each idea/topic/problem relevant mathematical ideas and techniques are recalled and/or derived so as to provide a deeper understanding of the Economic issue and how it can be resolved, if necessary. The notion of Quantity Demanded is first addressed by expressing quantity demanded as a linear function of price where both the slope and intercept embed important Economics ideas. This sequence leads naturally to the

notion of Revenue (the product of quantity demanded and price) where nonlinear functions are analyzed using mathematical techniques that include derivatives. This sequence culminates with notions of prices that maximize revenue subject to a given demand function. A large number of such topic sequences involving univariate functions are examined.

**Prerequisite:** Grade 12U Advanced Functions or equivalent.

**Prerequisites/Co-requisites:** AP/ECON 1000 3.00 or AP/ECON 1010 3.00, or equivalent. Strongly recommended completion: high-school calculus or equivalent.

**Course credit exclusions:** SC/MATH 1000 3.00, SC/MATH 1013 3.00, SC/MATH 1300 3.00, SC/MATH 1505 6.00, SC/MATH 1513 6.00, SC/MATH 1530 3.00, SC/MATH 1550 6.00, GL/MATH/MODR 1930 3.00. Note: Acceptable course substitutes are available in the Calendar.

### **PRIOR TO FALL 2009: Course credit exclusions:**

AK/AS/ECON 1530 3.00, AS/SC/MATH 1000 3.00, AS/SC/MATH 1013 3.00, AK/AS/SC/MATH 1300 3.00, AS/SC/MATH 1505 6.00, AS/SC/MATH 1513 6.00, AS/MATH 1530 3.00, AK/AS/MATH 1550 3.00, GL/MATH/MODR 1930 3.00.

**\*NCR Note: SC/MATH 1510 6.00\*\*** may not be taken by any student who has taken or is currently taking ECON1530, ECON1540 or any other university course in mathematics or statistics except for SC/MATH 1500 3.00 or SC/MATH 1515 3.00 or SC/MATH 1520 3.00. **Course credit exclusions:** SC/MATH 1710 6.00, GL/ITEC/MATH/MODR 1670 6.00.

**\*NCR Note: SC/MATH 1520 3.00\*\*** may not be taken by any student who has passed or is currently taking ECON1530, ECON1540 or any other university course in calculus, with the exception of students taking SC/MATH 1510 6.00 concurrently.

### AP/ECON1540 3.00 INTRODUCTORY MATHEMATICAL ECONOMICS II:

This course extends the analysis of basic Economics ideas, topics and problems begun in AP/ECON 1530 3.00. Again, relevant mathematical ideas and techniques are recalled and/or derived so as to provide a deeper understanding of Economic issues and how they can be resolved. The issues and problems covered require functions of more than one variable for their resolution. The notion of Quantity Supplied is combined with the notion of Quantity Demanded and notions of Market Equilibrium are introduced and discussed. Equilibria are evaluated through the introduction of mathematical notions and properties of systems of equations, eventually in matrix form. A deeper understanding of theories of demand (supply) and the foundations of demand (supply) functions is developed through the introduction of mathematical notions of unconstrained and constrained optimization and linear and nonlinear programming. As in AP/ECON 1530 3.0, many topics and issues are addressed and problem framing and problem solving abilities are

enhanced.

**Prerequisite:** AP/ECON 1530 3.00 or equivalent.

**Prerequisites/Co-requisites:** AP/ECON 1000 3.00 or AP/ECON 1010 3.00, or equivalent.

**Course credit exclusions:** SC/MATH 1505 6.00, SC/MATH 1540 3.00, SC/MATH 1550 6.00, GL/MATH/MODR 2650 3.00. **Note:** AP/ECON1530 3.00 and AP/ECON1540 3.00 are designed to give the student an introduction to mathematics sufficient for a thorough understanding of modern textbooks in economic theory.

**Note:** No credit will be retained for this course for students who have successfully completed or who are currently enrolled in SC/MATH 1021 3.00, SC/MATH 1025 3.00, or SC/MATH 2221 3.00. To clarify, (for example) AP/ECON1540 3.00 can be successfully completed first and SC/MATH2221 3.00 can be taken second but you cannot complete SC/MATH2221 3.00 (first) and then take AP/ECON1540 3.00 (second or concurrently).

**PRIOR TO FALL 2009: Course credit exclusions:** AK/AS/ECON 1540 3.00, AS/SC/MATH 1505 6.00, AS/MATH 1540 3.00, AK/AS/MATH 1550 6.00, GL/MATH/MODR 2650 3.00.

### **AP/ECON1900 3.00 MICROECONOMICS FOR LIFE:**

Introduces Microeconomics as the basis for making smart choices in life as consumers, business people, investors, and informed citizen judging government policies. Focuses on cost/benefit analysis of all decisions. Provides intuitive fundamentals for economic literacy without the mathematical details of AP/ECON 1000 3.00.

**Course credit exclusions: None. Note:** No credit will be retained for this course for students who have successfully completed or who are currently enrolled in AP/ECON 1000 3.00, GL/ECON 2500 3.00, and SB/INTL 1200 3.00. **Note:** AP/ECON 1900 3.00 will not count for economics major or minor credit, business economics major, financial and business economics major, or for business and society major credit.

**PRIOR TO FALL 2009:** Course credit exclusion: AS/ECON 1900 3.00

**\*\*Do not take AP/ECON1900 or AP/ECON 1910 if you are or are planning to major in Economics\*\***

### **AP/ECON1910 3.0 MACROECONOMICS FOR CITIZENS:**

Introduces macroeconomics as the basis for making smart choices as consumers, businesspeople, investors, and informed citizens judging government policies. Focuses on the performance of market economies - measured by GDP growth, unemployment, inflation - and appropriate roles for government monetary and fiscal policies. Provides intuitive fundamentals for economic literacy without the mathematical details of AP/ECON 1010 3.00.

**Course credit exclusions:** AS/ECON 1900 3.00 (prior to Fall 2009), AP/ECON 1900 3.00 (prior to Fall 2011).

**Note:** No credit will be retained for this course for students who have successfully completed or who are currently enrolled in AP/ECON 1010 3.00, GL/ECON 2510 3.00, and SB/INTL 1210 3.00. **Note:** AP/ECON 1910 3.00 will not count for economics major or minor credit, business economics major, financial and business economics major, or for business and society major credit.

### **AP/ECON2300 3.00 INTERMEDIATE MICROECONOMIC THEORY I:**

Studies how individuals, households, and firms make decisions given the incentives and constraints of their economic environment. Topics include consumer decision-making, production and costs, competitive equilibrium, and the role of prices in a market economy.

**Prerequisites:** AP/ECON 1000 3.00, AP/ECON 1010 3.00, and AP/ECON 1530 3.00, or equivalents.

**Prerequisites/Co-requisites:** AP/ECON 1540 3.00.

**Course Credit Exclusions:** GL/ECON 3230 6.00.

**PRIOR TO FALL 2009: Course credit exclusions:** AK/AS/ECON 2300 3.00, GL/ECON 3230 6.00.

### **AP/ECON2350 3.00 INTERMEDIATE MICROECONOMIC THEORY II:**

Applies the analytical tools from AP/ECON 2300 3.00 to analyze resource allocation in imperfectly competitive markets and factor pricing in alternative market structures. Considers basic concepts of general equilibrium and welfare economics.

**Prerequisites:** AP/ECON 2300 3.00 or equivalent.

**Course Credit Exclusions:** GL/ECON 3230 6.00.

**PRIOR TO FALL 2009: Course credit exclusions:** AK/AS/ECON 2350 3.00, GL/ECON 3230 6.00.

### **AP/ECON2400 3.00 INTERMEDIATE MACROECONOMIC THEORY I:**

Equips students with the basic tools for analyzing short-run and long-run macroeconomic phenomena in a closed economy. Topics include aggregate demand and supply, consumption and investment behaviour, demand for money, government stabilization policy, and fiscal issues.

**Prerequisites:** AP/ECON 1000 3.00, AP/ECON 1010 3.00, and AP/ECON 1530 3.00, or equivalents.

**Prerequisites/Co-requisites:** AP/ECON 1540 3.00.

**Course Credit Exclusions:** GL/ECON 3240 6.00, SB/ECON 2000 3.00.

**PRIOR TO FALL 2009: Course credit exclusions:** AK/AS/ECON 2400 3.00, AK/ECON 2400 6.00 (prior to Summer 1983), AK/ECON 3300 3.00 (prior to Summer 1995), GL/ECON 3240 6.00.

### **AP/ECON2450 3.00 INTERMEDIATE MACROECONOMIC THEORY II:**

Applies the analytical tools from AP/ECON 2400 3.00 to analyze the problems of inflation, unemployment, and government deficits, focusing on the role of expectations. Introduces open economy issues under fixed and flexible exchange rates.

**Prerequisites:** AP/ECON 2400 3.00 or equivalent.

**Course Credit Exclusions:** GL/ECON 3240 6.00, SB/ECON 2000 3.00.

**PRIOR TO FALL 2009: Course credit exclusions:** AK/AS/ECON 2450 3.00, AK/ECON 2400 6.00 (prior to Summer 1983), AK/ECON 3310 3.00 (prior to Summer 1995), GL/ECON 3240 6.00.

### **AP/ECON2500 3.00 INTRODUCTORY STATISTICS FOR ECONOMISTS I:**

Provides an introduction to statistical techniques. Topics covered include descriptive statistics and frequency distributions, measures of location and dispersion, random variables, sampling distributions, probability theory and mathematical expectations, the normal distribution, correlation, and the design and interpretation of hypothesis tests.

**Prerequisites:** Grade 12U Advanced Functions or equivalent.

**Course Credit Exclusions:** AP/ADMS 2320 3.00, AP/POLS 3300 6.00, AP/SOCI 3030 6.00, ES/ENVS 2009 6.00, GL/MATH/MODR 1610 3.00, GL/POLS/SOCI 2610 3.00, GL/PSYC 2530 3.00, HH/KINE 2050 3.00, HH/PSYC 2020 6.00, HH/PSYC 2021 3.00, SC/BIOL 2060 3.00, SC/GEOG 2420 3.00, SC/MATH 2500 3.00, SC/MATH 2560 3.00, SC/MATH 2565 3.00.

**Note: students who have taken SC/MATH 1131 3.00 may not take AP/ECON 2500 3.00.**

**PRIOR TO FALL 2009: Course credit exclusions:** AK/ADMS 2320 3.00, SC/BIOL 2060 3.00, AK/ECON 3470 3.00, AS/ECON 2500 3.00, ES/ENVS 2010 6.00, AS/SC/GEOG 2420 3.00, AS/KINE 2050 3.00 (Prior to Fall/Winter 2007-08), HH/KINE 2050 3.00, AK/AS/SC/MATH 2560 3.00, AK/AS/SC/MATH 2565 3.00, AS/POLS 3300 6.00, AK/AS/SC/PSYC 2020 6.00 (Prior to Fall/Winter 2007-08), HH/PSYC 2020 6.00, AK/AS/SC/PSYC 2021 3.00 (Prior to Fall/Winter 2007-08), HH/PSYC 2021 3.00, AS/SOCI 3030 6.00.

### **AP/ECON3120 3.00 OPERATIONS MANAGEMENT (cross-listed to: AP/ADMS 3351 3.00):**

Management of operations in today's business environment usually involves mathematical and statistical modeling. This course provides a working understanding of the operations management models and techniques such as process analysis, quality management, aggregate planning, inventory control, and material requirements planning.

**Prerequisite:** AP/ADMS 2320 3.00 or AP/ECON 2500 3.00, or equivalent.

**Course Credit Exclusions:** None.

**PRIOR TO FALL 2009: Prerequisite:** AK/ADMS 2320 3.00, AK/ADMS 3320 3.00 (prior to Summer 2005).

Course credit exclusions: AK/ADMS 3351 3.00.

### **AP/ECON3130 3.00 SAMPLING TECHNIQUES AND SURVEY DESIGN (cross-listed to: AP/ADMS 3352 3.00):**

This course deals with different sampling techniques

and their applications to management problems.

Survey design, pilot surveys, use of focus groups, in-person interviews, mail surveys and polling, will also be dealt with.

**Prerequisite:** AP/ECON 2500 3.00 or AP/ADMS 2320 3.00, or, for students with equivalent preparation, permission of the coordinator.

**Course Credit Exclusion:** None.

**PRIOR TO FALL 2009: Prerequisite:** AK/ECON 3470 3.00 or AK/ADMS 2320 3.00 or AK/ADMS 3320 3.00 (prior to Summer 2005), or, for students with equivalent preparation, permission of the coordinator. **Course credit exclusion:** AK/ADMS 3352 3.00.

### **AP/ECON3150 3.00 INTERNATIONAL TRADE:**

Studies the microeconomic aspects of international trade, tracing its historical development from the theory of comparative costs to the theory of customs unions and tariffs. Topics include trade patterns, trade barriers and free trade versus protectionism, economic growth and development in the international economy, and international institutions.

**Prerequisites:** AP/ECON 1000 3.00 and AP/ECON 1010 3.00 or equivalents.

**Course Credit Exclusion:** GL/ECON 4290 6.00.

**PRIOR TO FALL 2009: Course credit exclusions:** AK/ECON 3570 3.00, AS/ECON 3150 3.00, GL/ECON 4290 6.00.

### **AP/ECON3199 3.00 (Writing) APPROACHES TO GLOBAL ECONOMICS:**

Explores approaches to the global economy, emphasizing structural and policy-related aspects.

**Course Credit Exclusions:** AP/POLS 3270 3.00, AP/POLS 3275 3.00, AP/POLS 3700 6.00. (AP/ECON 3190 3.00 is an exclusion to AP/ECON 3199 3.00 (vice versa)).

**PRIOR TO FALL 2009: Course credit exclusions:** AK/POLS 3700 6.00, AS/ECON 3190 3.00, AS/ECON 3199 3.00, AS/POLS 3270 3.00, AS/POLS 3275 3.00.

### **AP/ECON3200 3.00 INDUSTRIAL ORGANIZATION:**

Studies the non-strategic and strategic behaviour of firms and industrial organizations under different markets structures, with emphasis on imperfectly competitive markets. Topics include pricing and non-pricing strategies, vertical and horizontal restraints, entry deterrence, advertising, investment, and innovation.

**Prerequisites:** AP/ECON 1000 3.00 or equivalent.

**Course Credit Exclusions:** GL/ECON 3370 3.00.

**PRIOR TO FALL 2009: Course credit exclusions:** AK/ECON 3750 3.00, AS/ECON 3200 3.00, GL/ECON 3370 3.00.

### **AP/ECON3210 3.00 USE OF ECONOMIC DATA:**

Introduces the theory and practice of empirical analysis of economic models. Develops tools to estimate economic relationships involving two or more variables and to test their significance. Relies on the use of

Canadian data sets and statistical software packages to show how linear regression analysis is applied.

**Prerequisites:** AP/ECON 2500 3.00.

**Course Credit Exclusions:** HH/PSYC 3030 6.00, SC/MATH 3330 3.00.

**Note:** No credit will be retained for this course for students who have successfully completed or who are currently enrolled in AP/ECON 4210 3.00. **To clarify, AP/ECON3210 3.0 can be successfully completed first and AP/ECON 4210 3.0 can be taken second but you cannot complete AP/ECON 4210 3.0 (first) and then take AP/ECON3210 3.0 (second or concurrently).**

**PRIOR TO FALL 2009: Course credit exclusions:** SC/BIOL 2060 3.00, AK/AS/ECON 3210 3.00, AK/AS/SC/MATH 3033 3.00, AS/SC/MATH 3330 3.00.

### **AP/ECON3230 3.00 URBAN ECONOMICS:**

Examines the economic performance of urban areas and applies economic theory to study contemporary metropolitan problems such as poverty and welfare, housing and land, transportation and traffic, and pollution and the urban environment. Considers theories of location to understand the existence and location of cities and the spatial distribution of alternative activities within cities.

**Prerequisite:** AP/ECON 1000 3.00 or equivalent.

**Course Credit Exclusions:** GL/ECON 3320 3.00.

**PRIOR TO FALL 2009: Course credit exclusions:** AK/ECON 3540 3.00, AS/ECON 3230 3.00, GL/ECON 3320 3.00.

### **AP/ECON3240/3249 3.00 (Writing) LABOUR ECONOMICS – THEORY:**

Applies economic theory to labour markets. Topics include labour force participation, hours of work, investment in education and training, worker mobility, demand for and supply of labour, the effects of market structure on wages and employment, and theories of trade unions and collective bargaining.

**Prerequisite:** AP/ECON 1000 3.00 and AP/ECON 1010 3.00 or equivalents.

**Course Credit Exclusions:** GL/ECON 3540 3.00 & AP/ECON 3240/3249 3.00 (AP/ECON 3240 3.00 is an exclusion to AP/ECON 3249 3.00 (vice versa)).

**PRIOR TO FALL 2009: Course credit exclusions:** AK/ECON 3610 3.00, AS/ECON 3240 3.00, AS/ECON3249 3.00, GL/ECON 3550 3.00.

### **AP/ECON3250/3259 3.00 (Writing) LABOUR ECONOMICS – INSTITUTIONS:**

Examines the economic impact of trade unions, labour legislation, and industrial organization of the labour market.

**Prerequisites:** AP/ECON 3240 3.00 or AP/ECON 3249 3.00, or equivalent.

**Course Credit Exclusions:** GL/ECON 3550 3.00, (AP/ECON 3250 3.00 is an exclusion to AP/ECON 3259 3.00 (vice versa)).

**PRIOR TO FALL 2009: Course credit exclusions:**

AK/ECON 3600 6.00, AS/ECON 3250 3.00, AS/ECON 3259 3.00, GL/ECON 3540 3.00.

### **AP/ECON3340 3.00 ENVIRONMENTAL ECONOMICS:**

Applies the techniques of analytical economics to the study of environmental issues. Topics include externalities and the cost of environmental pollution, public goods, property rights, direct and indirect costs and benefits of abatement schemes, public regulation, and environmental policies in Canada.

**Prerequisites:** AP/ECON 1000 3.00 or equivalent.

**Course Credit Exclusions:** None.

**PRIOR TO FALL 2009: Course credit exclusions:** AK/ECON 3340 3.00, AS/ECON 3800 3.00.

### **AP/ECON3350 3.00 ECONOMIC THEORIES OF ENTREPRENEURSHIP:**

Covers materials on various economic theories of entrepreneurship, as well as sociological, psychological and cultural theories. Includes case studies of entrepreneurship in various countries, including Asia Pacific countries, as well as Socialist economies in transition.

**Prerequisites:** AP/ECON 1000 3.00 or AP/ECON 1010 3.00, or equivalent.

**Course Credit Exclusions:** None.

**PRIOR TO FALL 2009: Course credit exclusion:** AS/ECON 3350 3.00.

### **AP/ECON 3411 3.00 MANAGERIAL ECONOMICS AND STRATEGY:**

Introduces students to the economic concepts and frameworks which the general manager can use to formulate, analyze, and implement strategy. Covers issues pertaining to firms' boundaries, the economics of the make-versus-buy decisions, the transaction costs of market exchange, and diversification. Additional topics include the theories of competitive strategy such as market and entry strategies and strategic positioning and dynamics.

**Prerequisites:** AP/ECON 2300 3.00 and AP/ECON 3210 3.00 or AP/ECON 3480 3.00.

**PRIOR TO FALL 2009: Course credit exclusion:** AK/ECON 3411 3.00.

### **AP/ECON3430 3.00 MONETARY ECONOMICS I: FINANCIAL MARKETS AND INSTITUTIONS:**

Studies the principal financial institutions and markets in the Canadian economy. Analyzes the economic function, regulation, and operational features of these institutions and markets. Considers the corresponding institutions and markets in other countries.

**Prerequisites:** AP/ECON 1000 3.00 and AP/ECON 1010 3.00 or equivalents.

**Course Credit Exclusions:** GL/ECON 3380 3.00.

**PRIOR TO FALL 2009: Course credit exclusions:** AK/ECON 3430 3.00, AS/ECON 3140 3.00, GL/ECON 3380 3.00.

**AP/ECON 3440 3.00 MONETARY ECONOMICS II: THEORY AND POLICY:**

Studies the central bank and its use of monetary theory to control growth and fluctuations in the Canadian economy through the chartered banking system. Considers links between Canada's financial system and the international financial system, with particular emphasis on the restraining influence of international financial requirements on the attainment of national goals.

**Prerequisites:** AP/ECON 1000 3.00 and AP/ECON 1010 3.00 or equivalents.

**Course Credit Exclusion:** GL/ECON 3390 3.00.

**PRIOR TO FALL 2009: Course credit exclusions:** AK/ECON 3440 3.00, GL/ECON 3390 3.00.

**AP/ECON3469 3.00 (Writing) POLITICAL ECONOMY OF PUBLIC POLICY (cross-listed to: AP/PPAS 3480 3.00):**

Examines how and why real world public policies differ from optimal policies prescribed by neoclassical economic theory. Incorporates models of political representation to different frameworks for studying issues in the areas of fiscal, monetary and trade policies, and special topics in government regulation.

**Prerequisites:** AP/ECON 1000 3.00 and AP/ECON 1010 3.00 or equivalents.

**Course Credit Exclusions:** None.

**PRIOR TO FALL 2009: Course credit exclusions:** AK/ECON 3460 3.00, AK/POLS 3480 3.00, AK/PPAS 3480 3.00.

**AP/ECON3471 3.00 IMPACT OF INTERNET ON THE ECONOMY:**

Examines the impact of information and communication technology on economic structures and economic process as well as its effects on emerging forms of economic research.

**Course Credit Exclusions:** None.

**PRIOR TO FALL 2009: Course credit exclusion:** AK/ECON 3471 3.00.

**AP/ECON 3473 3.00 GLOBAL BUSINESS ECONOMICS:**

Deals with international business decision-making and includes concepts of international trade and finance, strategy, marketing, and the international "rules of the road" that are the responsibility of such organizations as the WTO and IMF. Brings together insights from economics, strategy, and finance to address the challenges of international business economics, including the theory of transactions costs applied to global outsourcing.

**Prerequisite:** AP/ECON 2400 3.00 or equivalent.

**Course Credit Exclusions:** None.

**PRIOR TO FALL 2009: Course credit exclusion:** AK/ECON 3473 3.00.

**AP/ECON 3480 3.00 INTRODUCTORY STATISTICS FOR ECONOMISTS II:**

Extends hypothesis testing and point and interval estimation to variance and differences between means and proportions. Introduces special distributions and non-parametric tests. Covers simple and multiple regression analysis and forecasting.

**Prerequisite:** AP/ECON 2500 3.00.

**Course Credit Exclusions:** GL/MATH/MODR 1620 3.00, SC/MATH 2570 3.00, AP/POLS 3300 6.00, GL/POLS/SOCI 2620 3.00, GL/PSYC 2530 3.00, HH/PSYC 2020 6.00, HH/PSYC 2022 3.00, AP/SOCI 3030 6.00.

**PRIOR TO FALL 2009: Course credit exclusions:** AK/ECON 3480 3.00, AK/AS/SC/PSYC 2020 6.00, AK/AS/SC/PSYC 2022 3.00.

**AP/ECON3500 3.00 INTRODUCTORY MATHEMATICAL STATISTICS FOR ECONOMISTS:**

Provides an introduction to mathematical statistical analysis. Includes distributions of random variables and of functions of random variables, conditional probability, independence, special distributions, moment-generating functions, the central limit theorem, estimation and hypothesis testing.

**Prerequisites:** AP/ECON 1530 3.00, AP/ECON 1540 3.00, and AP/ECON 2500 3.00.

**Course Credit Exclusion:** GL/ECON/MODR 3670 3.00, SC/MATH 2030 3.00.

**PRIOR TO FALL 2009: Course credit exclusions:** AS/ECON 3500 3.00, GL/ECON 3670 3.00, AS/MATH 2030 3.00, GL/MODR 3670 3.00, AK/AS/SC/PSYC 2022 3.00 (Prior to Fall/Winter 2007-08), HH/PSYC 2022 3.00.

**AP/ECON3510 3.00 HEALTH ECONOMICS:**

Examines the determinants of supply and demand in the health services industry and the causes of medical cost inflation. Introduces economic models of physician and hospital behaviour and uses case studies to consider the influence of health insurance, reimbursement schemes, and practitioners' discretion on the delivery system.

**Prerequisite:** AP/ECON 1000 3.00 or equivalent.

**Course Credit Exclusion:** None.

**PRIOR TO FALL 2009: Course credit exclusion:** AK/ECON 3510 3.00.

**AP/ECON3530 3.00 INTERMEDIATE MATHEMATICS FOR ECONOMISTS:**

Develops and demonstrates the mathematics commonly used in the analysis of static economic models. Topics range from concavity and convexity to constrained optimization and comparative static analysis including the implicit function and envelope

theorems.

**Prerequisites:** AP/ECON 1530 3.00 and AP/ECON 1540 3.00 or equivalents.

**Course Credit Exclusions:** None.

**PRIOR TO FALL 2009: Course credit exclusion:** AS/ECON 3530 3.00.

### **AP/ECON3550/3559 3.00 (Writing) ECONOMIC GROWTH AND DEVELOPMENT:**

Studies the economic problems of poor countries and poor communities. Explores the meaning of development by considering the characteristics of economic underdevelopment, poverty, income and wealth distribution, rural versus urban development, population growth, and unemployment and migration. Additional topics include theories of development, growth and technological change, strategies for environmentally sustainable development, education, and health.

**Prerequisites:** AP/ECON 1000 3.00 and AP/ECON 1010 3.00 or equivalents.

**Course Credit Exclusions:** GL/ECON/ILST 3920 3.00, (AP/ECON 3550 3.00 is an exclusion to AP/ECON 3559 3.00 (vice versa)).

**PRIOR TO FALL 2009: Course credit exclusions:** AK/ECON 3550 3.00, AS/ECON 3310 3.00.

### **AP/ECON3560/3569 3.0 (Writing) ECONOMIC POLICY IN DEVELOPING COUNTRIES (cross-listed to: AP/PPAS 3560/9 3.0):**

Examines policy issues arising from development planning. Topics include agriculture versus industry, international trade, monetary and fiscal policies, foreign investment, foreign aid and self-reliance, and global issues.

**Prerequisites:** AP/ECON 1000 3.00 and AP/ECON 1010 3.00 or equivalents.

**Course Credit Exclusions:** AP/ECON 3560 3.00/ is an exclusion to AP/ECON 3569 3.00 (vice versa).

**PRIOR TO FALL 2009: Course credit exclusions:** AK/ECON 3560 3.00, AP/ECON 3320 3.00, AK/PPAS 3560 3.00.

### **AP/ECON3580 3.00 INTERNATIONAL MONETARY ECONOMICS:**

This course introduces students to international monetary economics. Topics include the exchange rate and exchange rate regimes, the automatic adjustment process, open economy macroeconomics and policy, international financial markets, and economic integration.

**Prerequisites:** AP/ECON 1000 3.00 and AP/ECON 1010 3.00 or equivalents.

**Course Credit Exclusions:** None.

**PRIOR TO FALL 2009: Course credit exclusions:** AK/ECON 3580 3.00, AS/ECON 4200 3.00.

### **AP/ECON3590 3.00 ECONOMICS OF EDUCATION AND TRAINING:**

Examines economic aspects of educational/training systems and their links to the labour market. Topics include the effects of education/training on wages, distribution of earnings and economic growth, school-to-work transition, job-education mismatch, occupational projections, and the financing of post-secondary education.

**Prerequisites:** AP/ECON 1000 3.00 and AP/ECON 1010 3.00 or equivalents.

**Course Credit Exclusions:** None.

**PRIOR TO FALL 2009: Course credit exclusion:** AK/ECON 3590 3.00.

### **AP/ECON3620 3.00 ECONOMICS OF UNEMPLOYMENT:**

Studies the post-war unemployment in Canada and discusses policy options to reduce unemployment. Includes an analysis of the effects of demographic changes, social security and minimum wage legislation, unions, technological change, cyclical changes, and industrial restructuring on unemployment.

**Prerequisite:** AP/ECON 1010 3.00 or equivalent.

**Course Credit Exclusions:** None.

**PRIOR TO FALL 2009: Course credit exclusion:** AK/ECON 3620 3.00.

### **AP/ECON3650 3.00 CANADIAN ECONOMIC POLICY (cross-listed to: AP/PPAS 3480 3.00):**

Identifies contemporary economic problems facing Canada and examines the economic policy options that are available for addressing these issues. These issues include government transfer payments, industrial productivity, unemployment, health care, economic growth and inflation, and globalization.

**Prerequisite:** AP/ECON 1000 3.00 and AP/ECON 1010 3.00 or equivalents.

**Course Credit Exclusion:** NONE.

**PRIOR TO FALL 2009: Course credit exclusions:** AK/ECON 3650 3.00, AK/PPAS 3650 3.00.

### **AP/ECON3700/3709 3.00 (Writing) ECONOMICS OF GENDER:**

Introduces students to gender gaps and discrimination, especially in connection with labour markets, policy towards gender equality, and features of family economics such as issues of power within the family. Examines some empirical evidence, but in a non-technical way.

**Prerequisites:** AP/ECON 1000 3.00 and AP/ECON 1010 3.00 or equivalents.

**Recommended Prior Completion:** AP/ECON 2300 3.00.

**Course Credit Exclusion:** AP/ECON 3700 3.00 is an exclusion to AP/ECON 3709 3.00 (vice versa)).

**PRIOR TO FALL 2009: Course credit exclusions:** AS/ECON 3700 3.00, AS/ECON 3709 3.00.



**AP/ECON3790 6.00 WOMEN IN THE NORTH AMERICA ECONOMY:**

Focuses on women's economic activities and the economic position of women in the North American economy. Includes an analysis of household work as well as labour force activity. Note: This course counts as a major course in women's studies and health studies. It is a multidisciplinary course for students in economics, health studies, women's studies, and related disciplines.

**Prerequisites:** NONE

**Course Credit Exclusions:** NONE.

**PRIOR TO FALL 2009:** Course credit exclusion: AK/ECON 3790 6.00.

**AP/ECON3810 3.00 THE ECONOMICS OF PROJECT APPRAISAL AND FEASIBILITY:**

Covers pre-feasibility and feasibility studies of proposed projects, forecasting of demand and plant capacity, estimation of production, sales, costs, and revenues, alternative commercial profitability criteria (net present value, rate of return) for project evaluation and selection, and sensitivity analysis under risk and uncertainty.

**Prerequisites:** Grade 12U Advanced Functions, AP/ECON 1000 3.00, and AP/ECON 1010 3.00, or equivalents.

**Course Credit Exclusions:** NONE.

**PRIOR TO FALL 2009:** Course credit exclusions: AK/ECON 3810 3.00, AK/ECON 3820 3.00.

**AP/ECON 4000 3.00 DIRECTED READING:**

Permits students to undertake special programs of private studies under the guidance of a full-time faculty member.

**Prerequisite:** 78 credits including AP/ECON 1000 3.00, AP/ECON 1010 3.00, AP/ECON 1530 3.00, AP/ECON 1540 3.00, AP/ECON 2300 3.00, AP/ECON 2350 3.00, AP/ECON 2400 3.00 and AP/ECON 2450 3.00, or equivalents.

**Note:** Students must be accepted by a faculty supervisor and receive the approval of the Undergraduate Program Director before they can register in the course. Directed Reading forms are available in the Economics Department (1144 Vari Hall). **Course Credit Exclusions:** None.

**PRIOR TO FALL 2009:** Course credit exclusions: AK/ECON 4000 3.00, AS/ECON 4980/4980A/4989/4989A 3.00.

**AP/ECON 4010 3.00 ADVANCED MICROECONOMIC THEORY:**

Examines important contributions to the microeconomic literature. Covers advanced topics from consumer theory, the economics of the firm, competitive and non-competitive markets, factor pricing, income distribution, general equilibrium, and welfare economics.

**Prerequisites:** AP/ECON 2300 3.00, AP/ECON 2350 3.00, and AP/ECON 3530 3.00, or equivalents.

**Recommended prior completion:** AP/ECON 2400

3.00 and AP/ECON 2450 3.00.

**Course Credit Exclusion:** GL/ECON 4230 3.00.

**PRIOR TO FALL 2009:** Course credit exclusions: AK/ECON 4010 3.00, AS/ECON 4000 3.00, GL/ECON 4230 3.00.

**AP/ECON4020 3.00 ADVANCED MACROECONOMIC THEORY:**

Surveys recent developments in macroeconomic research. Among the topics covered are rational expectation models, consumption theory, new Keynesian models of staggering wages and prices, menu costs, efficiency wages and imperfect competition, and new classical and new Keynesian business cycle theories.

**Prerequisites:** AP/ECON 2400 3.00 and AP/ECON 2450 3.00 or equivalents.

**Recommended prior completion:** AP/ECON 2300, AP/ECON 2350 3.00, and AP/ECON 3530 3.00.

**Course Credit Exclusions:** None.

**PRIOR TO FALL 2009:** Course credit exclusions: AK/ECON 4020 3.00, AS/ECON 4010 3.00, GL/ECON 4230 3.00.

**AP/ECON 4039 3.00 (Writing) EXPERIMENTAL ECONOMICS:**

Introduces the theory and practice of experimental economics as an important economic research methodology. Focuses on experimental economic publications on a particular topic to motivate the power of behavioural economic analysis and laboratory methods.

**Prerequisites:** 78 credits including AP/ECON 2300 3.00 and AP/ECON 2500 3.00 or equivalents.

**Course Credit Exclusions:** None.

**PRIOR TO FALL 2009:** Course credit exclusion: AK/ECON 4030 3.00.

**AP/ECON 4059 3.00 (Writing) HISTORY OF ECONOMIC THOUGHT I:**

Focuses on the theoretical development of classical political economy up to 1870 in the works of the Physiocrats, Smith, Ricardo, and Marx. Emphasizes the contrasts and similarities between classical and neoclassical theories.

**Prerequisites or co-requisites:** AP/ECON 2300 3.00, AP/ECON 2350 3.00, AP/ECON 2400 3.00, and AP/ECON 2450 3.00, or equivalents.

**Course Credit Exclusions:** None.

**PRIOR TO FALL 2009:** Course credit exclusion: AS/ECON 4059 3.00.

**AP/ECON 4069 3.00 (Writing) HISTORY OF ECONOMIC THOUGHT II:**

Focuses on major developments in economic theory since 1870, the emergence of neoclassical general equilibrium theory (especially in the works of Jevons, Menger, and Walras), and the development of Keynesian economics as a distinctive theory.

**Prerequisites:** AP/ECON 4059 3.00 or equivalent.

**Course Credit Exclusions:** None.

**PRIOR TO FALL 2009:** Course credit exclusion:  
AS/ECON 4069 3.00.

### **AP/ECON4070 3.00 PUBLIC FINANCE I:**

Identifies the role of government in a modern economy and examines the interaction between government's attempts to provide services and the financing of expenditures through traditional and non-traditional means.

**Prerequisites:** AP/ECON 2300 3.00, AP/ECON 2350 3.00, AP/ECON 2400, and AP/ECON 2450 3.00, or equivalents.

**Course Credit Exclusion:** GL/ECON 3570 3.00.

**PRIOR TO FALL 2009:** Course credit exclusions:  
AK/ECON 3450 3.00, AS/ECON 4070 3.00, GL/ECON 3570 3.00.

### **AP/ECON4080 3.00 PUBLIC FINANCE II:**

Deals with the expenditure side of public finance. Topics include theories of public expenditure, public expenditure policies in Canada and problems of multi-level governments including federal-provincial financial relations.

**Prerequisites:** AP/ECON 2300 3.00, AP/ECON 2350 3.00, AP/ECON 2400 3.00, and AP/ECON 2450 3.00, or equivalents.

**Course Credit Exclusion:** GL/ECON 3570 3.00.

**PRIOR TO FALL 2009:** Course credit exclusions:  
AS/ECON 4080 3.00, GL/ECON 3570 3.00.

### **AP/ECON4083 3.00 ECONOMICS OF INFORMATION AND INCENTIVES:**

Examines how contracts and institutions can be designed to handle different incentive and control problems that arise from imperfect information. Considers applications in various contexts including insurance and credit markets, the internal organization of firms, product selection and pricing, wage contracts, and tax systems and procurement.

**Prerequisites:** AP/ECON 2350 3.00 and AP/ECON 2500 3.00 or equivalents.

**Course Credit Exclusions:** None.

**PRIOR TO FALL 2009:** Course credit exclusion:  
AK/ECON 4083 3.00.

### **AP/ECON4089 3.00 (Writing) RESEARCH SEMINAR IN ECONOMICS:**

This course assists students in developing strong analytical, quantitative, and communication skills through independent research. It familiarizes students with some of the major issues and research approaches in economics through discussions and presentations of various topics.

**Prerequisites:** 78 credits including a 3000-level economics course.

**Course Credit Exclusions:** None.

**PRIOR TO FALL 2009:** Course credit exclusion:  
AK/ECON 4081 3.00.

### **AP/ECON 4110 3.00 REGIONAL ECONOMIC DEVELOPMENT (cross-listed to: AP/PPAS 4110 3.00):**

Regional Economic Development is the process of creating wealth through the mobilization of resources to generate new jobs and additional tax bases. The course will analyze the theory and practice of local economic development in Ontario.

**Course Credit Exclusions:** None.

**PRIOR TO FALL 2009:** Course credit exclusion:  
AK/PPAS 4110 3.00.

### **AP/ECON4129 3.00 (Writing) INTERNATIONAL TRADE POLICY AND ECONOMIC INTEGRATION:**

Deals with current policy issues in international trade and economic integration, focusing on specific institutional settings such as NAFTA, the European Union, the World Trade Organization, new policy areas such as trade and the environment, trade, and labour rights.

**Prerequisites:** AP/ECON 3150 3.00 or equivalent.

**Course Credit Exclusions:** None.

**PRIOR TO FALL 2009:** Course credit exclusion:  
AS/ECON 4129 3.00.

### **AP/ECON4130 3.00 GAME THEORY IN ECONOMICS:**

Covers the idea of a game, of a solution, the extensive form, the concept of equilibrium, games of incomplete information, backward and forward induction, repeated games, signalling and principal-agent models, and bargaining models.

**Prerequisites:** AP/ECON 1530 3.00 and AP/ECON 1540 3.00 or equivalents.

**Course credit exclusion:** GL/ECON 4340 3.00.

**PRIOR TO FALL 2011:** Course credit exclusion:  
GL/ECON 3340 3.00.

**PRIOR TO FALL 2009:** Course credit exclusions:  
AS/ECON 4130 3.00, GL/ECON 3340 3.00.

### **AP/ECON4140 3.00 FINANCIAL ECONOMETRICS:**

Introduces students to the econometric methods used in the analysis of financial data. Topics include the statistical modeling and forecasting of financial time series with applications to share prices and exchange and interest rates, the analysis of nonstationary and cointegrated series, the modeling of volatility, and the estimation and testing of asset pricing models.

**Prerequisite:** AP/ECON 3210 3.00 or AP/ECON 3500 3.00 or equivalent.

**Course Credit Exclusions:** None.

**PRIOR TO FALL 2009:** Course credit exclusion:  
AK/ECON 4130 3.00.

### **AP/ECON4160 3.00 THEORY AND PRACTICE OF ARBITRATION:**

Examines the historical and current rationale for arbitration as a form of third party intervention in labour management disputes. Covers processes and practices

of arbitration, economic criteria including income-based policies as applied to contract arbitration, the role and scope of arbitrators as defined by public policy, judicial review, and industrial jurisprudence.

**Prerequisites:** 78 credits including a 3000-level economics course.

**Course Credit Exclusions:** None.

**PRIOR TO FALL 2009: Course credit exclusion:** AK/ECON 4160 3.00.

#### **AP/ECON4170 3.00 DIRECTED RESEARCH:**

Permits students to undertake special programs of private studies, in which emphasis is placed on research design, methodological issues, and data analysis, under the guidance of a full-time faculty member.

**Prerequisites:** 78 credits including AP/ECON 1000 3.00, AP/ECON 1010 3.00, AP/ECON 1530 3.00, AP/ECON 1540 3.00, AP/ECON 2300 3.00, AP/ECON 2350 3.00, AP/ECON 2400 3.00, AP/ECON 2450 3.00, AP/ECON 2500 3.00, and AP/ECON 3210 3.00 or AP/ECON 3500 3.00, or equivalents. **Note:** Students must be accepted by a faculty supervisor and receive the approval of the Undergraduate Program Director before they can register in the course.

**Course Credit Exclusions:** None.

**PRIOR TO FALL 2009: Course credit exclusions:** AK/ECON 4170 3.00, AS/ECON 4990/4990A/4999/4999N 3.00.

#### **AP/ECON4190 3.00 TOPICS IN INTERNATIONAL TRADE:**

Covers, at the advanced level, the theories of international trade specialization, gains from trade, commercial policies, and new approaches to trade theory.

**Prerequisites:** AP/ECON 2300 3.00, AP/ECON 2350 3.00 and AP/ECON 3150 3.00, or equivalents.

**Course Credit Exclusions:** None.

**PRIOR TO FALL 2009: Course credit exclusion:** AS/ECON 4190 3.00.

#### **AP/ECON4200 3.00 TOPICS IN INTERNATIONAL MONETARY ECONOMICS:**

Covers, at the advanced level, topics in international monetary economics including exchange rates, balance of payments accounts, monetary policy under fixed and flexible exchange rates, international monetary problems and possible solutions, and theories of the balance of payments.

**Prerequisites:** AP/ECON 2300 3.00, AP/ECON 2350 3.00, AP/ECON 2400 3.00, AP/ECON 2450 3.00 and AP/ECON 3580 3.00, or equivalents.

**Course Credit Exclusions:** None.

**PRIOR TO FALL 2009: Course credit exclusion:** AS/ECON 4200 3.00.

#### **AP/ECON4210 3.00 ECONOMETRICS:**

Derives least squares and maximum likelihood estimators for classical and generalized cases,

stressing theorem proving, diagnostic analysis, and careful applied work.

**Prerequisite:** AP/ECON 3500 3.00 or equivalent.

**Course Credit Exclusions:** GL/ECON 4260 3.00, SC/MATH 3330 3.00.

**PRIOR TO FALL 2009: Course credit exclusions:** AK/ECON 3490 3.00, AS/ECON 4210 3.00, GL/ECON 4260 3.00, AS/SC/MATH 3330 3.00.

#### **AP/ECON4220 3.00 TOPICS IN ECONOMETRICS:**

Examines multiple and simultaneous linear equations models. Considers time series analysis and other special topics. Stresses theorem proving, diagnostic analysis, and careful applied work.

**Prerequisite:** AP/ECON 4210 3.00 or equivalent.

**Course Credit Exclusions:** None.

**PRIOR TO FALL 2009: Course credit exclusion:** AS/ECON 4220 3.00.

#### **AP/ECON4240/4249 3.00 (Writing) TOPICS IN LABOUR ECONOMICS:**

Considers trade unions and employers' organizations in the Canadian labour market. Topics include the design and function of the institutions, worker and employer participation, the processes of conflict and agreement, the regulatory role of the state, and the nature of collective agreements and their effect on the labour market and processes of production.

**Prerequisite:** AP/ECON 2300 3.00 and AP/ECON 2350 3.00 or equivalents.

**Recommended Prior Completion:** AP/ECON 3249 3.00.

**Course Credit Exclusions:** AP/ECON 4240 3.00 is an exclusion to AP/ECON 4249 3.00 (vice versa).

**PRIOR TO FALL 2009: Course credit exclusions:** AS/ECON 4240/4249 3.00.

#### **AP/ECON4259 3.00 (Writing) TOPICS IN HEALTH ECONOMICS:**

Addresses major issues regarding the cost and quality of health care using theoretical and quantitative techniques drawn from welfare economics, project evaluation, microeconomics, and financial analysis.

**Prerequisite:** AP/ECON 2300 3.00, AP/ECON 2350 3.00 and AP/ECON 3210 3.00 or AP/ECON 3500 3.00, or equivalents.

**Course Credit Exclusions:** None.

**PRIOR TO FALL 2009: Course credit exclusions:** AK/ECON 3510 3.00, AK/ECON 3520 3.00, AS/ECON 4259 3.00.

#### **AP/ECON4279 3.00 (Writing) HOUSING ECONOMICS:**

Examines housing markets and housing policy. Introduces models of demand, supply, and housing market equilibrium emphasizing the special characteristics of housing. Uses welfare economics to study the design of optimal policies.

**Prerequisite:** AP/ECON 2300 3.00 and AP/ECON 2350 3.00 or equivalents.

**Course Credit Exclusions:** None.

**PRIOR TO FALL 2009:** Course credit exclusion:  
AS/ECON 4279 3.00.

**AP/ECON4309 3.00 (Writing) LAW AND ECONOMICS:**

Uses economic concepts to analyze legal institutions in the area of Common Law (Property, Torts, and Contracts) for developed, underdeveloped, and transitional economies. Examines legal cases from a law-and-economics perspective.

**Prerequisite:** AP/ECON 2300 3.00 and AP/ECON 2350 3.00 or equivalents.

**Course Credit Exclusions:** GL/ECON 4275 3.00.

**PRIOR TO FALL 2009:** Course credit exclusion:  
AK/ECON 3800 3.00, AS/ECON 4309 3.00, GL/ECON 4275 3.00.

**AP/ECON4350 3.00 TOPICS IN INDUSTRIAL ORGANIZATION:**

Examines, at the advanced level, theories pertaining to industrial organization. Covers oligopoly, entry, vertical integration, product differentiation, advertising, innovation and market structure, and industrial organization in an open economy. Discusses public policy where appropriate.

**Prerequisite:** AP/ECON 2300 3.00, AP/ECON 2350 3.00 and AP/ECON 3200 3.00, or equivalents.

**Course Credit Exclusions:** None.

**PRIOR TO FALL 2009:** Course credit exclusion:  
AS/ECON 4350 3.00.

**AP/ECON4369 3.00 (Writing) ECONOMICS OF GENDER:**

Develops the main economic theories of discrimination, intra-household allocation of resources, family economics, and other features such as marital transfers. Examines empirical evidence from developed and developing countries drawing from economics papers that have some sort of econometric methodology.

**Prerequisite:** AP/ECON 1000 3.00, AP/ECON 1010 3.00, and AP/ECON 3210 3.00 or AP/ECON 3500 3.00, or equivalents.

**Recommended Prior Completion:** AP/ECON 4210 3.00.

**Course Credit Exclusions:** None.

**PRIOR TO FALL 2009:** Course credit exclusion:  
AS/ECON 4369 3.00.

**AP/ECON4380 3.00 PUBLIC CHOICE THEORY:**

Applies basic tools of microeconomics to answer questions central to political science. Gives special emphasis to analyzing public choice in a direct democracy and in a representative democracy.

**Prerequisite:** AP/ECON 2300 3.00 and AP/ECON 2350 3.00 or equivalents.

**Course Credit Exclusions:** None.

**PRIOR TO FALL 2009:** Course credit exclusion:  
AS/ECON 4380 3.00.

**AP/ECON4399 3.00 (Writing) TOPICS IN LAW AND ECONOMICS:**

Explores in detail topics such as damages versus specific performance, liquidation damages versus penalty clauses, the choice between strict liability and negligence in tort law, and the different ways different societies have solved the problem of law and order.

**Prerequisite:** AP/ECON 3800 3.00, or equivalents.

**Course Credit Exclusions:** None.

**PRIOR TO FALL 2009:** Course credit exclusion:  
AS/ECON 4399 3.00.

**AP/ECON4400 3.00 FINANCIAL ECONOMICS:**

Analyzes investment and financing decisions, the separation between ownership and control, the risk inherent in decision-making, and how shareholders' wealth and utility are maximized. Topics include net present value, capital budgeting, efficiency of capital markets, treatment of risk, valuation of debt, dividend policy, short-term financing, and financial strategy.

**Prerequisite:** AP/ECON 2300 3.00 and AP/ECON 2350 3.00 or equivalents.

**Course Credit Exclusions:** AP/ADMS 3530 3.00, GL/ECON 4310 3.00.

**PRIOR TO FALL 2009:** Course credit exclusion:  
AK/ADMS 3530 3.00, AK/ECON 4082 3.00, AS/ECON 4400 3.00, GL/ECON 4310 3.00, SB/FINE 2000 3.00, SB/FINE 3100 3.00.

**AP/ECON4410 3.00 CORPORATE FINANCE:**

Examines topics such as dividend policy, capital structure, the valuation of corporate debt, other corporate liabilities (including leases) and options, merges, international finance, and financial planning.

**Prerequisite:** AP/ECON 2300 3.00, AP/ECON 2350 3.00 and AP/ECON 4400 3.00, or equivalents.

**Course Credit Exclusions:** AP/ADMS 4540 3.00, GL/ECON 4315 3.00, SB/FINE 3100 3.00.

**PRIOR TO FALL 2009:** Course credit exclusion:  
AK/ADMS 4540 3.00, AS/ECON 4410 3.00, GL/ECON 4315 3.00, SB/FINE 3100 3.00.

**AP/ECON4420 3.00 TOPICS IN CORPORATE FINANCE:**

Considers selected topics in the economic analysis of financial markets, including choice-theoretic and statistical aspects of financial models. Possible topics include inter-temporal choice, economics of uncertainty, equilibrium models of money and risky assets, corporate financial policy, and the effects of inflation and taxation.

**Prerequisite:** AP/ECON 2300 3.00 and AP/ECON 2350 3.00 or equivalents.

**Recommended Prior Completion:** AP/ECON 3500 3.00 and AP/ECON 4400 3.00.

**Course Credit Exclusions:** AP/ADMS 4541, SB/FINE 3100 3.00, SB/FINE 4150 3.00, SB/FINE 4800 3.00.

**PRIOR TO FALL 2009:** Course credit exclusion:  
AS/ECON 4420 3.00, SB/FINE 3100 3.00, SB/FINE 4150 3.00, SB/FINE 4800 3.00.

**AP/ECON4759 3.00 (Writing) ECONOMICS OF ANTITRUST AND COMPETITION POLICY:**

This course reviews modern industrial organization theory and its application in Canada and other market economies, with emphasis on the practice of industrial organizations and application of public policies towards

business in imperfectly competitive markets.

**Prerequisite:** AP/ECON 2300 3.00 and AP/ECON 2350 3.00 or AP/ECON 3200 3.00, or equivalents.

**Course Credit Exclusions:** GL/ECON 3375 3.00.

**PRIOR TO FALL 2009: Course credit exclusion:** AK/ECON 4750 3.00, GL/ECON 3375 3.00.